3796

METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JULY — 31ST DECEMBER, 1879.

F & T 500 2—80

Dangerfield, lith. London

MAP SHOWING ALL THE STATIONS REPORTING BY TELEGRAPH DAILY TO THE METEOROLOGICAL OFFICE, FROM JULY 1ST TO DECR 31ST 1879.

DAILY WEATHER REPORT DECEMBER 1st 1879.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	30·06	−4	N	2	o	30·06	+ ·09	0	0	+ 14	NW	2	o	*	0	−15	—
Hernösand ...	30·09	5	Z	o	b	30·09	+ ·14	14	13	+ 10	NW	2	o	*	?	−4	—
Stockholm ...	29·97	6	N	2	b	30·04	+ ·16	6	6	− 2	NNW	2	o	*	18	?	—
Wisby	29·83	19	E	6	bc	29·84	+ ·23	16	16	− 4	E	4	b	*	27	?	0·23
Christiansund ...	30·05	17	ESE	4	b	30·08	+ ·25	17	16	− 5	ESE	3	b	3	?	9	—
Skudesnaes ...	29·90	29	ESE	6	o	30·00	+ ·28	23	23	− 7	E	6	s	4	32	?	—
Oxö (Xtiansund) ...	29·93	26	ENE	6	o	30·07	+ ·32	13	12	− 16	NNE	6	o	3	?	9	—
Skagen (The Skaw)	29·99	19	E	5	b	30·04	+ ·20	18	14	− 4	ENE	4	b	2	23	12	—
Fanö	29·85	21	E	4	c	29·94	+ ·21	19	19	− 7	ENE	4	c	*	27	18	—
Cuxhaven ...	29·77	30	SE	4	bc	29·84	+ ·12	28	? 28	− 3	ENE	3	c	*	34	?	—
Sumburgh Head	29·92	28	NNE	5	s	29·99	+ ·19	34	30	+ 2	NE	5	c	4	35	27	0·02
Stornoway ...	30·02	32	NNE	5	b	30·13	+ ·11	31	31	+ 1	Z	o	b	o	34	28	0·04
Thurso																	
Wick	29·82	34	NNE	5	c	29·97	+ ·12	35	34	+ 3	NE	4	c	3	35	29	0·04
Nairn	29·94	34	NE	7	b	? 29·98	+ ·01	33	32	+ 4	NE	1	csp	5	35	29	0·02
Aberdeen ...	29·84	31	NNW	3	c	29·87	·00	31	30	+ 1	NNW	3	s	4	32	28	0·43
Leith	29·89	33	NW	4	bc	29·93	− ·01	31	30	o	NNW	5	b	*	38	29	—
Shields	29·82	31	NNW	4	c	29·88	+ ·02	29	29	o	NNW	2	bc	3	33	29	0·52
Spurn Head ...	29·73	31	NNW	7	s	29·68	− ·11	32	32	o	NNE	9	sq	7	34	28	0·18
York	29·82	29	N	2	s	29·83	− ·04	31	31	+ 2	NNE	2	s	*	33	23	0·03
Nottingham ...	29·83	28	NNW	3	b	29·79	− ·10	29	29	+ 2	N	3	s	*	34	22	—
Ardrossan ...	29·94	31	NNW	2	b	29·97	− ·02	30	29	o	ENE	3	b	2	36	26	—
Mullaghmore ...	30·07	39	NNE	6	o	30·04	− ·09	36	35	− 6	NNE	4	bc	3	41	35	0·07
Donaghadee ...	29·97	38	NNE	6	b	29·98	− ·05	35	33	− 3	NNE	4	b	3	39	35	0·02
Kingstown ...	30·01	35	NW	5	b	29·99	− ·08	29	28	− 6	NW	4	b	4	42	29	—
Holyhead ...	29·93	35	N	6	b	29·91	− ·07	36	33	− 3	N	5	bc	4	41	36	0·04
Liverpool (Bidston)	29·90	32	N	2	b	29·87	− ·07	30	29	− 3	N	3	b	1	35	30	—
Valentia	30·13	42	NNE	3	bc	30·08	− ·09	30	28	− ·13	Z	o	b	1	46	29	0·15
Roche's Point ...	30·10	40	N	5	o	30·04	− ·11	34	32	− 2	N	4	b	4	42	32	—
Pembroke ...																	
Scilly	30·00	44	N	7	o	29·94	− ·12	42	38	− 2	N	6	c	6	45	40	0·01
Prawle Point ...	29·91	33	NW	4	c	29·86	− ·16	30	28	− 2	NW	3	bc	3	41	26	—
Hurst Castle ...	29·86	31	NNW	3	b	29·82	− ·12	24	24	− 3	NW	3	b	3	36	24	—
Dover	29·73	35	NW	5	b	29·68	− ·12	27	26	− 2	NW	4	b	2	34	26	—
London	29·81	31	NNW	2	c	29·73	− ·14	24	?	− 3	NW	2	bc	*	35	22	—
Oxford	29·84	29	N	1	b	29·79	− ·11	26	26	o	NNW	2	b	*	34	24	—
Cambridge ...	29·78	28	N	2	b	29·67	− ·19	28	27	+ 2	NW	1	s	*	36	23	—
Yarmouth ...	29·69	32	NW	2	o	29·58	− ·20	32	31	− 1	SE	3	cs	3	34	30	0·55
The Helder ...	*	*	*	*	*	29·72	+ ·03	30	29	− 5	E	3	s	*	*	*	*
Cape Gris Nez	29·73	33	NNW	8	o	29·69	− ·14	31	31	− 1	NW	5	c	3	36	30	—
Jersey	29·90	36	NW	2	c	29·85	− ·12	35	31	− 2	NNW	2	bc	2	39	33	0·01
Brest	29·98	37	N	5	o	29·92	− ·10	34	31	− 2	N	3	o	2	43	32	0·16
Lorient	29·93	40	NNW	5	bc	29·89	− ·06	36	31	− 1	NNW	5	b	3	45	34	—
Rochefort ...	29·95	40	N	5	bc	29·84	− ·02	34	32	− 1	N	7	bc	2	34	27	—
Biarritz	29·97	37	ENE	3	c	29·86	+ ·08	36	34	− 3	S	4	s	4	30	32	0·43
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	29·65	− ·11	30	30	+ 1	NSW	1	f	*	33	28	0·04
Charleville ...	?	30	W	4	o	?	?	29	27		S	1	s	*	34	27	0·24
Paris	29·78	32	?	2	c	29·75	− ·08	30	29	− 3	NW	3	o	*	*	*	0·04
Lyons														*			
Toulon	29·46	31	W	9	c	29·59	+ ·15	28	25	− 13	W	9	b	8	41	28	—

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29·80	31	28	SE	8	o	4
Sumburgh Head							
Stornoway ...							
Aberdeen ...							
Shields							
Ardrossan ...							
Mullaghmore ...							
Holyhead... ...							

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valentia ...							
Scilly							*
Dover							
London ...							
Yarmouth ...							
Jersey... ...							
Rochefort ...	29·90	41	37	N	5	bc	2

EXPLANATION OF COLUMNS.

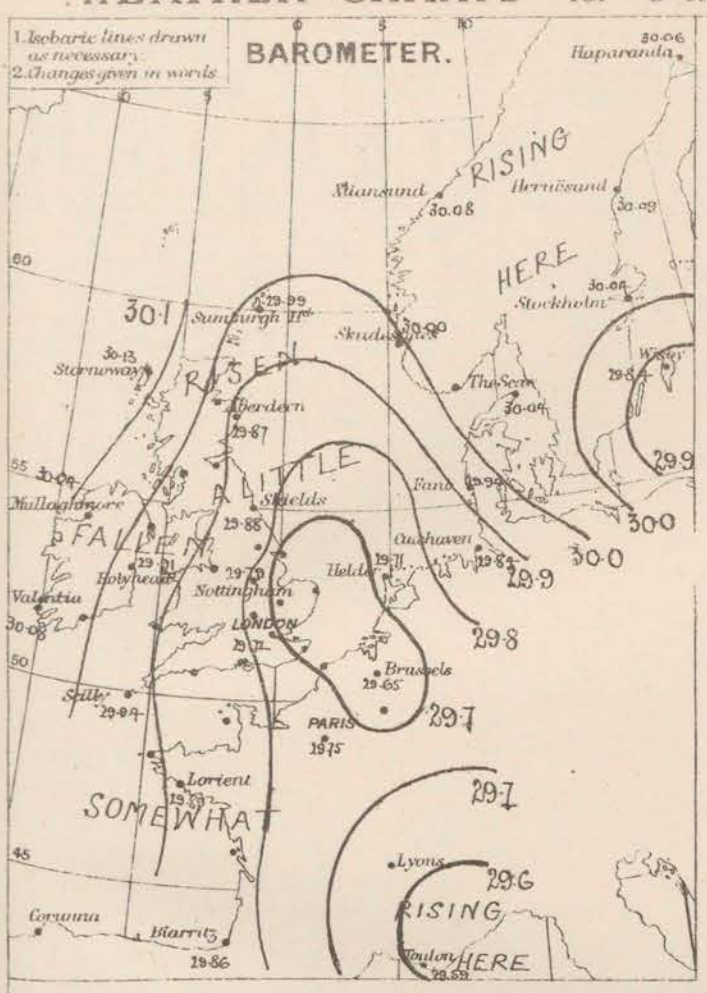
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

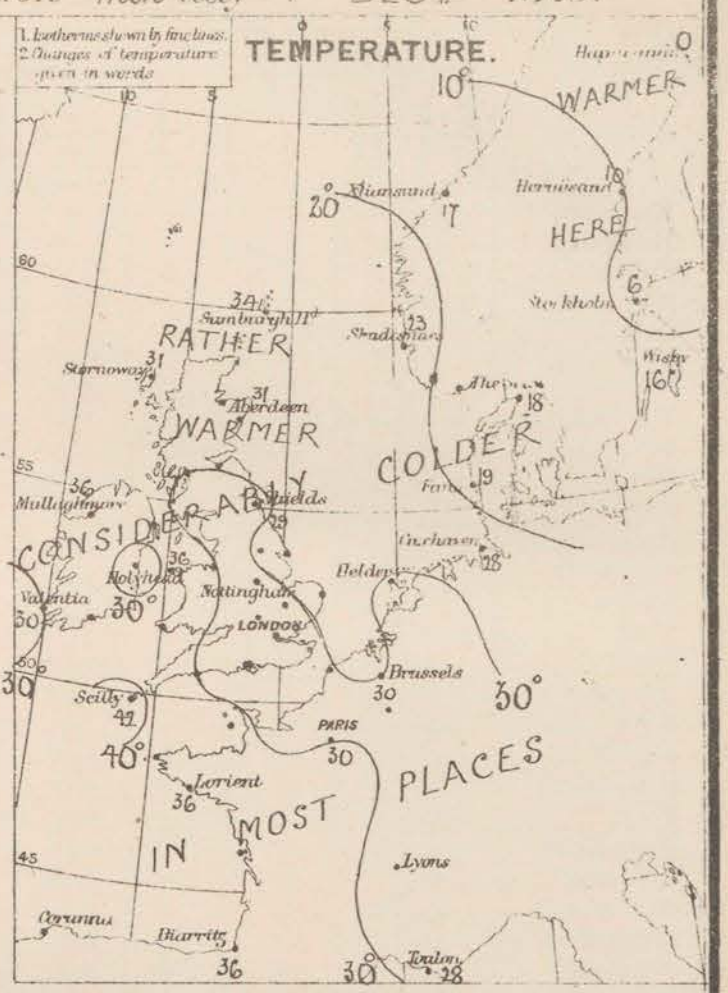
* AN ASTERISK is inserted in all places for which information is not usually received.

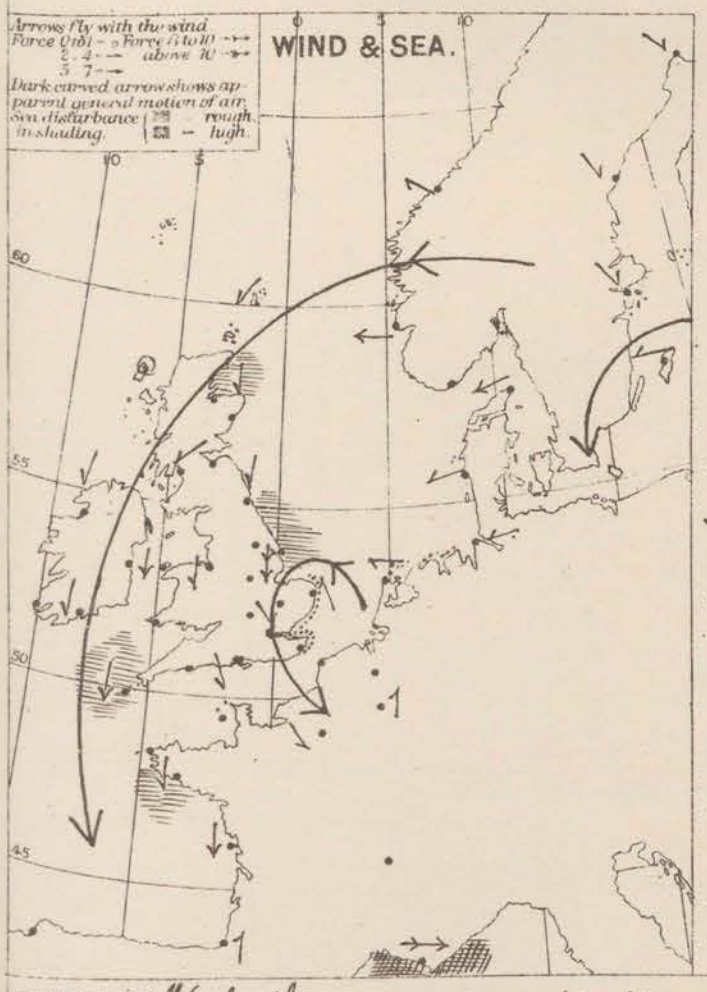
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

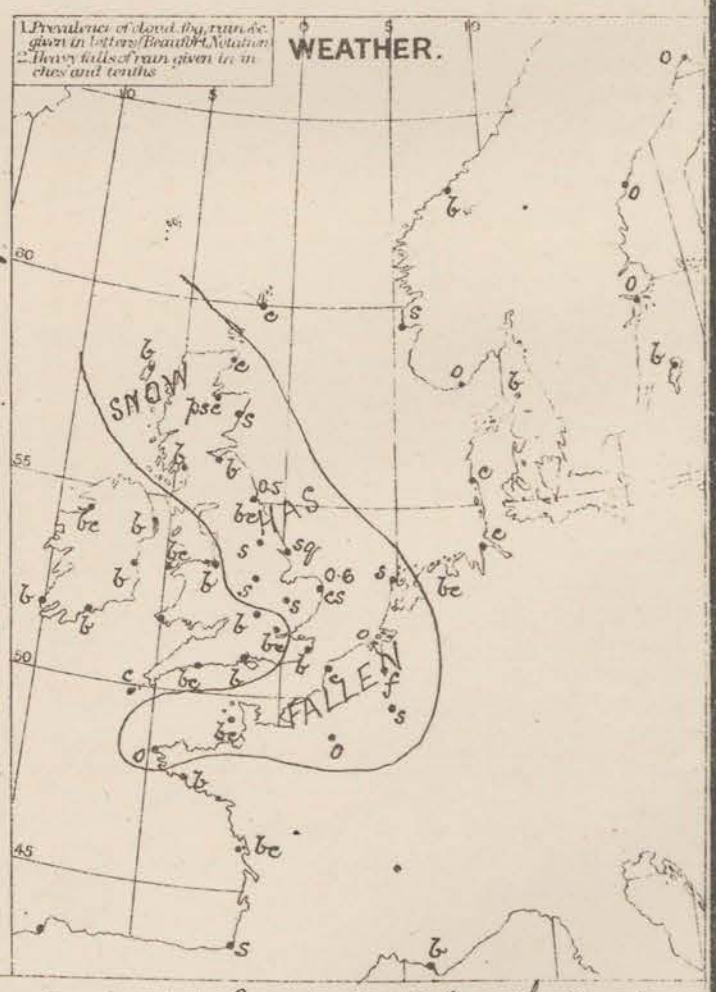
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m. on Monday 1st Decr. 1879.









Isobaric lines are drawn where the equals are merely

REMARKS. Weather this morning varies considerably and remains unsettled. Snow is reported from the E. and central districts, as well as from some parts of the NE. of France and the Netherlands, while at nearly all our more W. stations the sky is clear or nearly so. About half an inch of snow has fallen at Aberdeen, Shields and Yarmouth, and smaller amounts of snow have also fallen at our NW., N. and E. stations. Temperature has risen a little in the N. of these Islands and quickly in Lapland, but elsewhere it has fallen. Over the British Isles, readings vary from 24° in London and at Hunstanton to 42° at Scilly and 35° at Wick. Over France from 29° at Charleville and 28° at Toulon to 36° at Biarritz, and to the E. of the North Sea from zero at Haparanda to 28° at Cuxhaven. Last night the thermometer fell to 22° at Nottingham and London to 23° at York and Cambridge, and to 24° at Hunstanton and Oxford. Wind is N. generally but is drawing into NE in the N. It is moderate to fresh in force at most stations, but reaches a gale at the mouth of the Humber. Sea is rough in the NE and SW., moderate to smooth elsewhere. Barometrical indications. Pressure is increasing over the countries to the E. of the North Sea, and over Scotland, decreasing elsewhere. The depression which lay over the North Sea yesterday has moved in a S. direction, and its centre is shown this morning over Norfolk. Warnings. The SE. coast of England has been warned this morning.

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Secretary

Dangerfield Lith 22 Bedford St Covent Garden

DAILY WEATHER REPORT 2nd Decr. 1879.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	30·10	−10	N	2	o	30·10	+ ·04	0	0	0	SE	2	o	*	1	−11	—
Hernösand ...	30·13	6	NW	2	o	30·05	− ·04	4	4	− 10	NNW	2	c	*	16	−4	—
Stockholm ...	29·99	13	N	2	o	30·01	− ·03	8	7	+ 2	N	2	c	*	16	5	—
Wisby	29·82	23	NNW	6	c	29·82	− ·02	21	21	+ 5	E	6	s	*	23	12	0·12
Christiansund...	30·04	21	SSE	2	c	29·95	− ·13	21	19	+ 4	ESE	3	b	2	21	17	0·08
Skudesnaes ...	30·06	20	ESE	4	b	29·99	− ·01	19	17	− 4	E	2	b	2	23	19	—
Oxö (Xtiansund) ...	30·09	12	NNE	6	b	30·02	− ·05	11	10	− 2	NNE	4	b	2	14	7	—
Skagen (The Skaw)	30·05	19	NE	4	bc	30·01	− ·03	19	15	+ 1	NE	4	o	1	19	12	—
Fanö	29·99	14	E	3	b	29·97	+ ·03	29	29	+ 10	NE	2	b	*	21	12	—
Cuxhaven ...	29·96	25	ENE	5	b	29·94	+ ·10	22	22	− 6	NNW	2	b	*	28	21	—
Sumburgh Head	29·99	31	E	2	b	29·93	− ·06	32	29	− 2	SSE	3	bc	2	35	?	—
Stornoway ...	29·90	30	L	o	b	29·90	− ·23	27	27	− 14	L	o	b	o	32	22	0·05
Thurso																	
Wick	29·96	30	NE	2	c	29·92	− ·05	24	23	− 11	NW	1	c	3	35	19	—
Nairn	29·96	30	NE	3	b	29·94	− ·04	22	22	− 11	NE	1	b	3	35	22	0·02
Aberdeen ...	29·88	33	N	2	c	29·84	− ·03	32	31	+ 1	N	4	hs	4	36	23	0·01
Leith	29·91	34	NW	3	c	29·87	− ·06	28	28	− 3	NNW	4	bm	*	35	27	0·02
Shields	29·93	31	NW	2	o	29·83	− ·05	26	26	− 3	W	2	bc	3	32	17	0·22
Spurn Head ...	29·88	33	E	5	bc	29·88	+ ·20	26	25	− 6	SSW	5	c	5	38	25	0·08
York	29·91	29	N	1	b	29·89	+ ·06	13	13	− 18	SE	1	b	*	34	13	0·09
Nottingham ...	29·91	29	N	2	bc	29·95	+ ·16	5	5	− 24	L	o	b	*	32	4	0·12
Ardrossan ...	29·93	31	N	1	b	29·90	− ·07	24	23	− 6	E	1	bm	1	38	24	—
Mullaghmore ...	29·96	34	SE	3	b	29·84	− ·20	30	29	− 6	ESE	4	c	3	39	29	—
Donaghadee ...	29·96	35	NE	2	c	29·89	− ·09	29	29	− 6	NE	1	b	o	38	25	—
Kingstown ...	29·97	31	NNW	2	bc	29·88	− ·11	26	25	− 3	W	1	b	1	36	24	—
Holyhead ...	29·91	36	NNE	3	b	29·85	− ·03	33	31	− 3	S	2	c	1	38	30	—
Liverpool (Bidston)	29·92	30	NE	1	m	29·90	+ ·03	22	21	− 8	SE	2	m	1	33	22	—
Valentia	29·97	35	L	o	bc	29·78	− ·20	38	35	− 8	? ESE	4	c	4	44	29	—
Roche's Point...	29·98	34	N	4	b	29·86	− ·18	28	27	− 6	NNE	3	b	3	39	26	—
Pembroke ...	29·89	32	N	3	b	29·88	− ·02	31	30	− 3	E	3	bc	2	36	29	0·01
Scilly	29·91	35	L	o	osp	29·85	− ·09	38	35	− 4	E	1	c	4	43	33	0·04
Prawle Point ...	29·84	31	N	4	b	29·87	+ ·01	30	30	0	NNE	4	s	3	41	28	0·04
Hurst Castle ...	29·77	34	NNE	4	c	29·93	+ ·11	30	29	+ 6	ESE	4	b	3	35	24	—
Dover	29·76	33	ENE	5	bcsq	29·95	+ ·27	28	27	+ 1	SE	3	b	3	34	26	0·06
London	29·81	33	NE	4	bps	29·93	+ ·20	16	?	− 8	L	o	b	*	35	14	0·02
Oxford	29·85	31	NE	1	bc	29·95	+ ·16	16	15	− 10	L	o	m	*	34	16	—
Cambridge ...	29·87	30	NE	1	b	29·96	+ ·29	14	14	− 14	N	1	b	*	36	14	0·02
Yarmouth ...	29·84	33	E	8	cq	29·93	+ ·35	22	21	− 10	NSW	2	bcm	4	26	20	0·12
The Helder ...	*	*	*	*	*	29·95	+ ·23	19	19	− 11	SSE	1	bc	*	*	*	*
Cape Gris Nez	29·73	32	ESE	3	s	29·97	+ ·28	26	26	− 5	ESE	3	b	1	34	25	0·04
Jersey	29·81	37	NNW	3	os	29·90	+ ·05	31	29	− 4	E	3	o	3	38	31	0·07
Brest	29·88	35	N	4	b	29·88	+ ·04	31	31	− 3	ESE	1	b	2	41	?	—
Lorient																	
Rochefort ...	29·85	39	NW	4	bc	29·88	+ ·04	28	26	− 6	E	3	b	2	50	25	—
Biarritz	29·87	38	SSW	3	f	29·86	·00	36	34	o	SSE	4	os	3	41	32	0·28
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	29·97	+ ·32	21	?	− 9	ENE	1	o	*	33	18	0·04
Charleville ...	?	27	SE	1	s	?	?	8	7	− 21	SSE	4	m	*	32	6	0·04
Paris	29·76	31	?	3	b	29·97	+ ·22	27	27	− 3	N	3	f	*	*	*	—
Lyons	29·80	27	ENE	1	s	29·90	+ ·17	28	26	+ 3	NNW	1	o	*	32	23	—
Toulon	29·72	30	NW	9	b	29·82	+ ·23	28	26	o	NW	7	b	7	46	28	—

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30·04	20	18	ESE	4	b	4
Sumburgh Head	29·98	33	29	NE	3	bc	3
Stornoway ...	29·99	32	31	L	o	bc	o
Aberdeen ...	29·88	31	30	NNE	1	b	4
Shields	29·91	32	32	W	1	o	3
Ardrossan ...	29·94	36	32	N	3	b	2
Mullaghmore ...	29·99	38	35	ENE	4	c	4
Holyhead... ...	29·91	37	34	NNE	5	bsph	4

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valentia ...	30·01	41	37	ENE	1	c	2
Scilly	29·90	42	37	N	7	cq	6
Dover	29·67	33	32	WNW	2	cm	2
London ...	29·68	34	32	NE	3	o	*
Yarmouth ...	29·74	34	33	E	8	osq	6
Jersey	29·82	35	32	N	3	chs	3
Rochefort ...	29·80	39	35	NW	4	bc	2

Pressure is changing very irregularly. It is inclined to give way a little in the N., but is recovering a little in the SE.
A fresh gale from E has set in at Yarmouth, with a rough sea.
The SE coasts were warned this morning.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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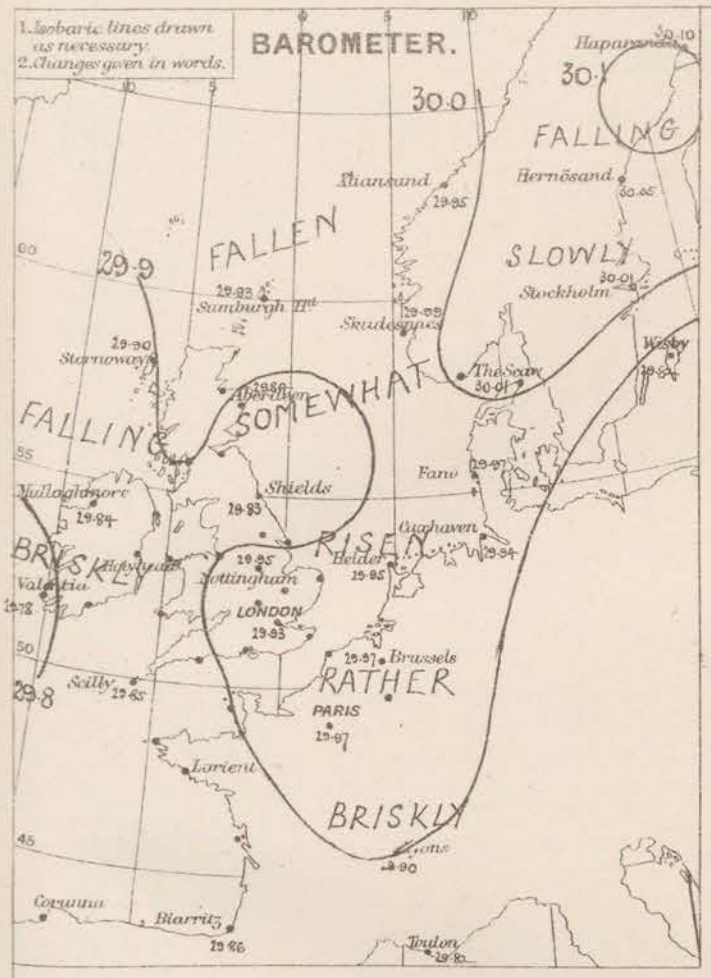
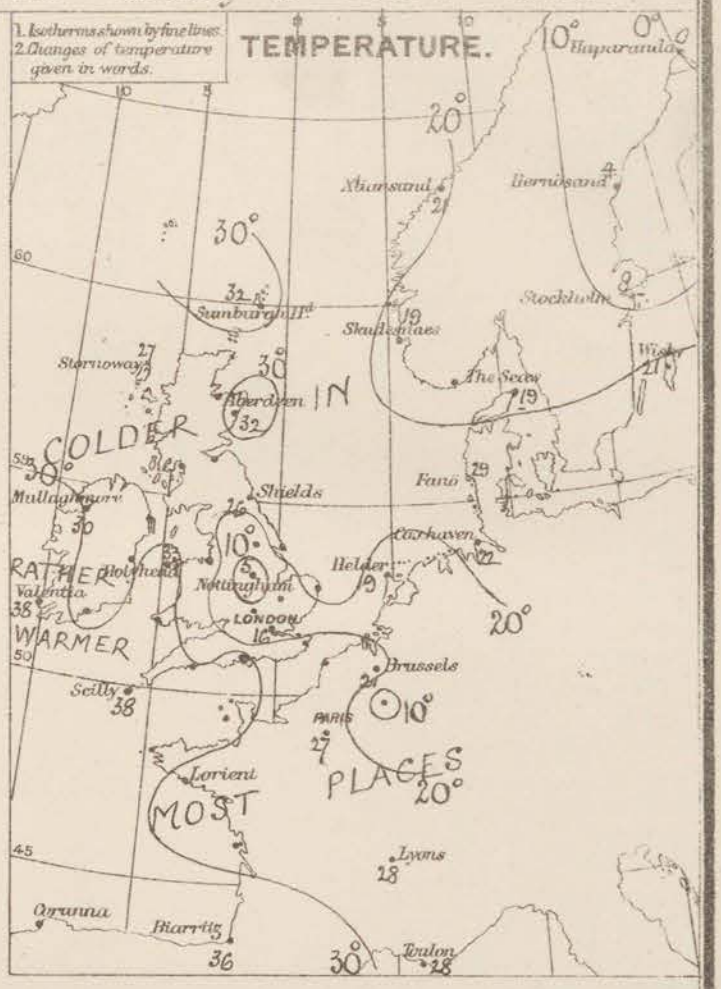
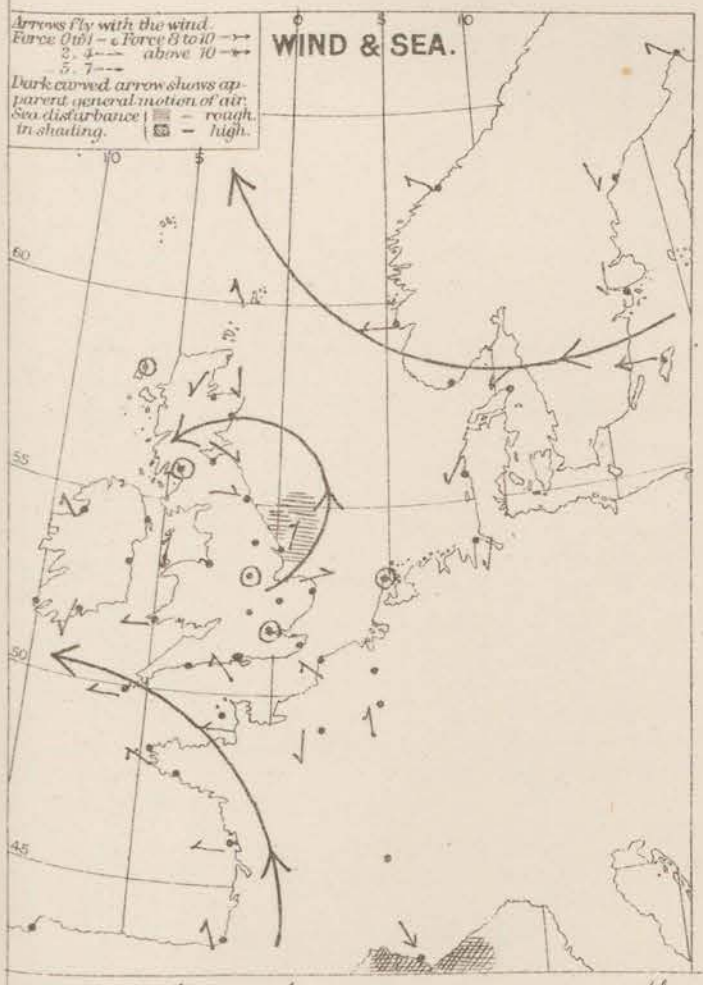
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

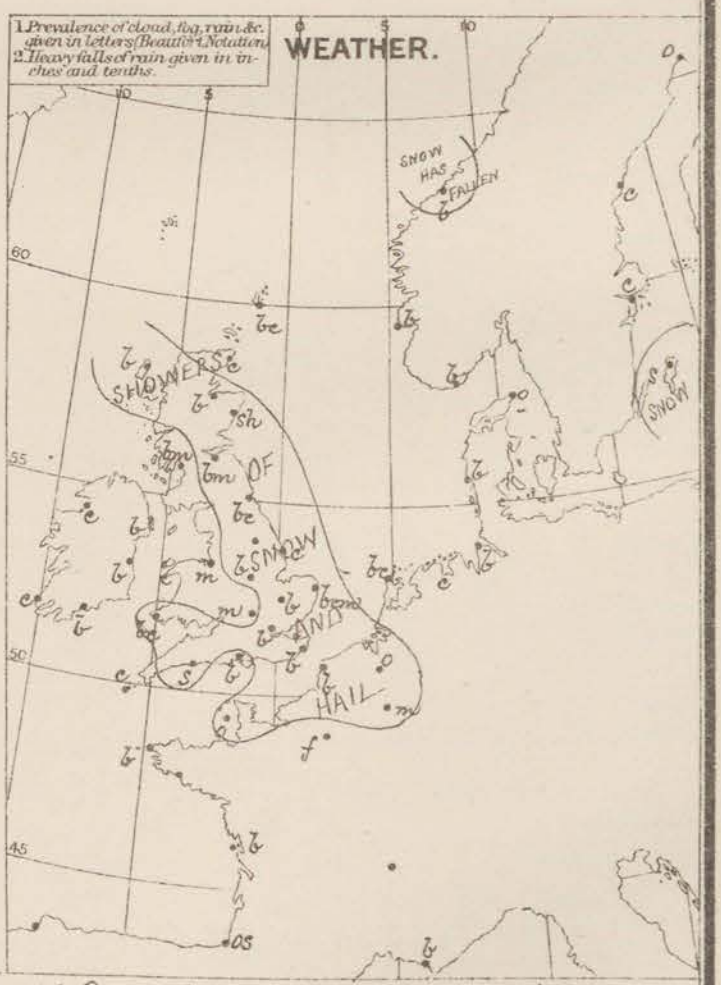
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m. on Tuesday 2nd Decr. 1879.









REMARKS. Weather this morning is fine over nearly the whole of W. Europe, but very cold and wintry. Fog or haze prevails in several places and snow at Prawle Point. Showers of snow or soft hail fell in our NE. and S. districts yesterday, and at Shields the amount was considerable. Temperature has fallen almost everywhere, and the present shade readings are as low as 5° at Nottingham, 13° at York, 14° at Cambridge, and 16° at Oxford and in London. Early this morning the readings were even rather lower; and the thermometer exposed on grass went as low as to 10° in London and 0 (zero) at Nottingham. Wind is chiefly E. in the S. districts, SW. to W. in the E, and very variable elsewhere. It blew a fresh gale from E. on our SE. coasts yesterday. Sea is rather rough on our E. coast, moderate at Valentia, slight or smooth on our other coasts.

Barometrical Indications. The barometer is apparently still highest over Scandinavia, lowest (and falling) off our W. coasts, while a very shallow secondary depression lies off our NE. coasts. Gradients for SE. winds are being formed in the W.

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Meteorological Office.
116, Victoria Street, Westminster: S.W.

R. H. SCOTT.
Secretary.

Dangerfield Lith. 22 Bedford St. Covent Garden

DAILY WEATHER REPORT 3rd Decr 1879.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 6).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	30·04	−3	E	2	o	29·91	−·19	7	7	−7	E	2	o	*	1	−8	—
Hernösand ...	30·02	3	NW	2	c	29·93	−·12	−7	−8	−11	N	2	bc	*	9	−8	—
Stockholm ...	29·95	−1	NW	2	b	29·83	−·18	0	0	−8	NE	2	b	*	9	3	—
Wisby	29·79	21	ENE	6	s	29·69	−·13	24	22	+3	NE	8	s	*	25	12	0·04
Christiansund...	29·99	19	SE	3	b	29·83	−·12	25	24	+4	SSW	2	c	2	?	10	0·04
Skudesnaes ...	29·95	24	SE	4	s	29·86	−·13	23	22	+4	ESE	4	c	3	25	19	—
Oxö (Christiansund) ...	29·99	11	NNE	4	c	29·87	−·15	9	9	−2	N	4	b	2	12	7	—
Skagen (The Skaw)	29·98	19	NE	4	c	29·88	−·13	17	14	−2	ENE	4	o	1	27	10	0·04
Fanö	29·95	14	ENE	3	b	29·85	−·12	13	12	−16	ENE	2	b	*	21	10	—
Cuxhaven ...	29·99	25	E	1	o	29·79	−·15	20	20	−2	S	3	s	*	?	18	—
Sumburgh Head	29·90	30	SW	3	bc	29·75	−·18	33	31	+1	E	3	bc	3	35	27	0·02
Stornoway ...	29·89	27	Z	0	b	29·85	−·05	29	29	+2	WNW	3	bc	2	30	23	—
Thurso																	
Wick	29·82	19	Z	0	b	29·78	−·14	30	29	+6	W	3	s	2	32	15	0·22
Nairn	29·93	19	Z	0	b	29·87	−·07	23	23	+1	W	2	bc	2	24	14	0·04
Aberdeen ...	29·88	30	NE	3	b	29·88	+·04	16	15	−16	W	1	b	3	35	15	0·19
Leith	29·89	31	N	4	bc	29·93	+·06	15	15	−13	W	2	m	*	35	14	0·14
Shields	29·80	36	NE	4	c	29·92	+·09	30	30	+4	Z	0	cg	4	36	26	0·11
Spurn Head ...	29·77	28	SSW	6	c	29·86	−·02	32	31	+6	?NE	6	bc	6	34	25	—
York	29·80	28	WSW	2	bc	29·91	+·02	15	15	+2	NE	1	bc	*	29	12	0·06
Nottingham ...	29·87	21	Z	0	c	29·90	−·05	16	16	+11	Z	0	f	*	25	5	—
Ardrossan ...	29·90	29	E	1	b	29·92	+·02	22	22	−2	ENE	1	bf	1	35	21	—
Mullaghmore ...	29·79	34	ESE	6	ogm	29·80	−·04	32	31	+2	ESE	5	ogm	4	34	29	—
Donaghadee ...	29·86	36	SE	4	bc	29·88	−·01	35	33	+6	ESE	4	bc	3	37	29	—
Kingstown ...	29·83	35	E	4	s	29·79	−·09	36	34	+10	SE	4	o	4	37	23	0·08
Holyhead ...	29·83	33	ENE	2	fs	29·82	−·06	33	31	0	E	3	o	2	37	32	0·09
Liverpool (Bidston)	29·86	31	SW	1	b	29·87	−·03	25	24	+3	E	2	c	1	31	?22	—
Valentia	29·68	40	ESE	4	bc	29·61	−·17	38	36	0	E	4	c	4	42	36	—
Roche's Point...	29·72	36	SSW	3	bc	29·64	−·22	35	34	+7	E	5	cg	4	38	28	—
Pembroke ...	29·79	39	NE	5	c	29·72	−·16	35	32	+4	E	5	o	4	39	31	0·02
Scilly	29·77	40	SSW	4	c	29·63	−·22	39	37	+1	ESE	7	c	6	44	36	0·02
Prawle Point ...	29·84	36	SE	4	bc	29·73	−·14	33	32	+3	ESE	4	c	4	38	29	0·14
Hurst Castle ...	29·91	35	SSW	3	b	29·84	−·09	31	30	+1	SE	3	c	3	37	30	—
Dover	29·93	32	SW	3	b	29·87	−·08	28	27	0	Z	0	bf	1	32	27	—
London	29·91	26	SSW	1	bm	29·87	−·06	23	?	+7	NE	1	fg	*	33	14	—
Oxford	29·90	29	SW	1	b	29·87	−·08	20	20	+4	N	1	bcm	*	32	16	—
Cambridge ...	29·90	22	SW	1	b	29·89	−·07	23	23	+9	Z	0	c	*	30	14	—
Yarmouth ...	29·87	26	WSW	2	bc	29·87	−·06	29	28	+7	NW	1	cm	4	29	20	0·15
The Helder ...	*	*	*	*	*	29·69	−·26	33	32	+14	NNW	4	s	*	*	*	*
Cape Gris Nez	29·96	20	S	3	b	29·89	−·08	18	18	−8	S	3	b	1	28	18	—
Jersey	29·92	30	SSE	3	c	29·80	−·10	24	24	−7	E	3	cm	3	34	24	—
Brest	29·85	32	SE	4	o	29·63	−·25	28	24	−8	SE	1	b	4	41	27	—
Lorient	29·83	30	SE	5	mv	29·62	−·20	26	24	−7	SE	1	m	4	32	23	—
Rochefort ...	29·87	32	E	5	b	29·65	−·23	28	27	0	E	8	o	4	46	23	—
Biarritz	29·75	39	ESE	4	c	29·46	−·40	41	36	+5	SE	5	r	3	45	34	0·04
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	29·95	−·02	10	?	−11	SW	1	bc	*	25	10	—
Charleville ...	?	8	W	3	c	?	?	−6	?	−14	W	3	f	*	28	−6	—
Paris	30·00	26	?	3	b	29·93	−·04	16	14	−11	ENE	3	o	*	*	*	—
‡ Lyons	30·01	25	NE	1	c	29·95	+·05	13	12	−15	ENE	1	o	*	32	12	—
Toulon	29·91	30	NW	7	b	29·90	+·08	37	31	+9	ENE	7	o	5	29	17	—

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29·95	24	22	SE	3	o	2
Sumburgh Head	29·93	32	30	S	3	bc	3
Stornoway ...	29·89	30	30	Z	0	b	0
Aberdeen ...	29·88	30	29	NE	3	bc	6
Shields	29·74	30	30	W	2	bc	2
Ardrossan ...	29·89	34	31	E	3	b	2
Mullaghmore ...	29·82	34	33	ESE	5	omg	3
Holyhead... ...	29·84	35	33	S	2	og	1

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valentia ...	29·71	41	39	SE	5	o	5
Scilly	29·79	38	38	SSE	5	osp	2
Dover	29·92	30	29	SW	3	b	2
London ...	29·92	32	—	S	2	bc	2
Yarmouth ...	29·91	27	26	WSW	2	bc	0
Jersey... ...	29·92	31	30	SSE	3	cm	3
Rochefort ...	29·89	35	34	S	5	o	2

The barometer continues to fall steadily in the SW. of our Islands, where also the wind is freshening from SE., with dull weather and snow showers at Scilly. The appearance is becoming very unsettled.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

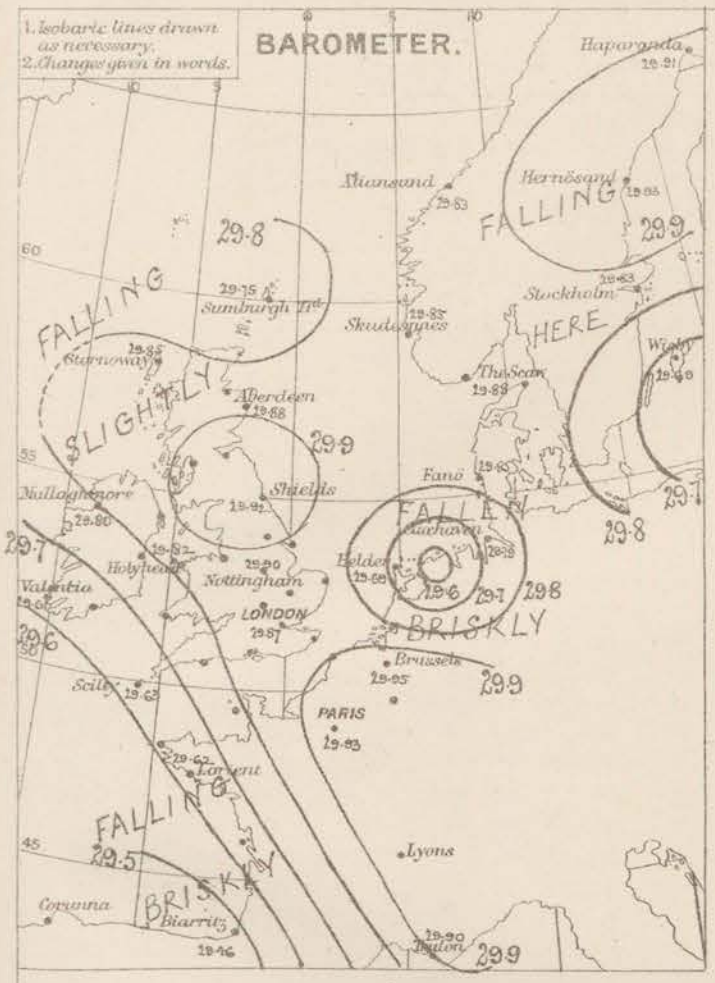
* AN ASTERISK is inserted in all places for which information is not usually received.

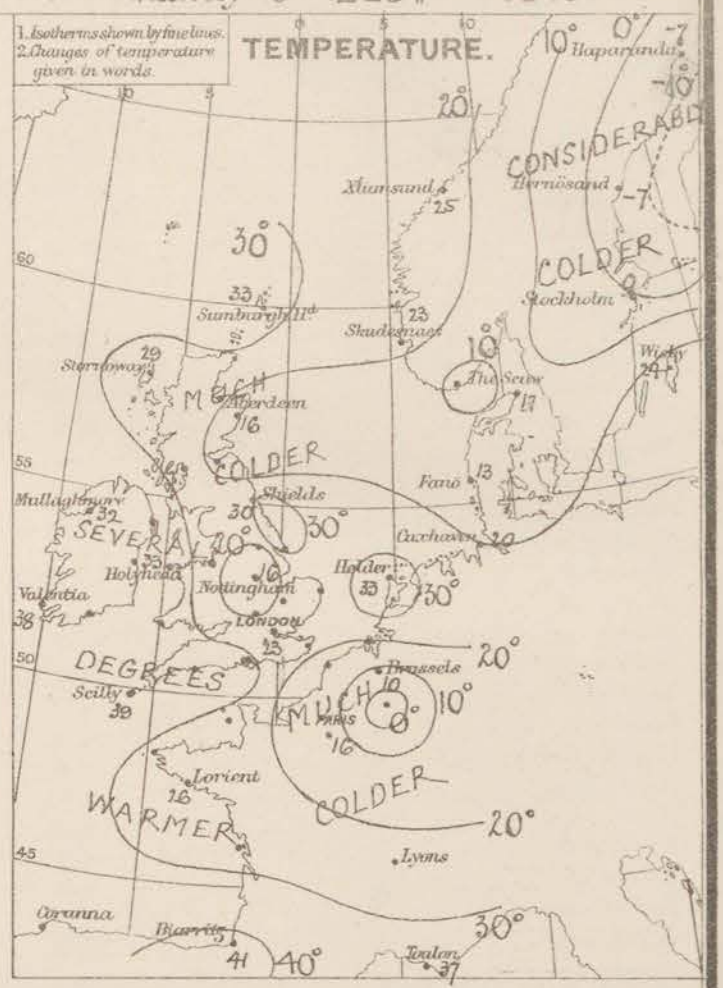
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

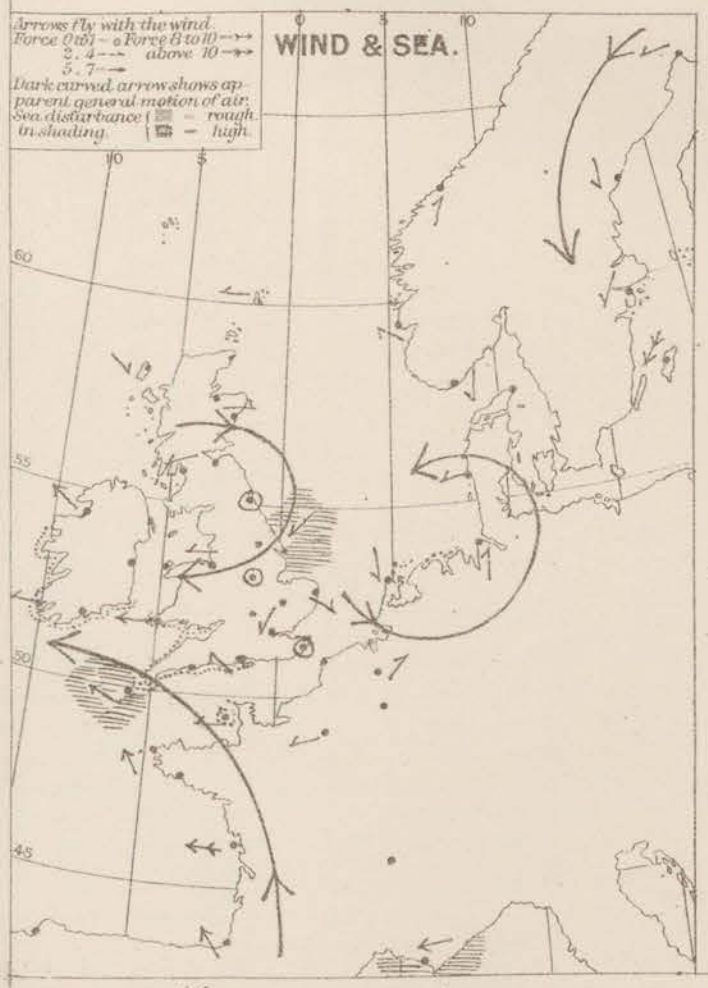
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

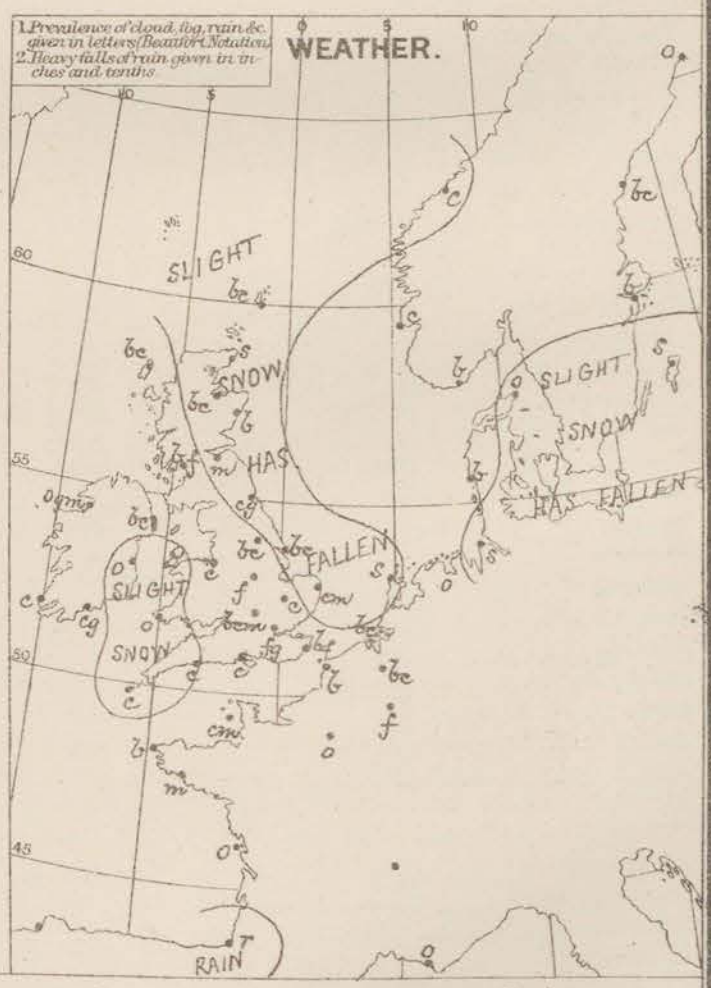
‡ Received too late for Insertion in Charts.

WEATHER CHARTS for 8 a.m. on Wednesday 3rd Decr 1879.









A dotted line is drawn where the isobars are one up

REMARKS. Weather is fine and bright at most of our E. and N. stations, but is cloudy or dull on our W. and SW. coasts, and over the Continent generally. Snow is reported from Wick and Cuxhaven, rain from Biarritz, while fog or mist prevails at several English, Scotch and French stations. Slight snow has fallen in the N. NW. and NE. and slight rain in the SW. Temperature has fallen just in the E. of Scotland, the NE. of France, the Netherlands and over Scandinavia, rise in most other places. Readings vary over these islands from 15° at Oban and Leith to 39° at Scilly, over France from –6° at Charleville to 41° at Biarritz and to the E. of the North Sea from –7° over the Gulf of Bothnia to 25° at Hammerfest. In Scotland the thermometer fell to from 12° to 15° last night, but elsewhere the minimum readings for the past 24 hours were those reads at 8 a.m. yesterday, while at Loughborough yesterday the thermometer fell to –1° F. Wind is very light and variable over the SE. of England, but light W. breezes prevail in Scotland, moderate to strong SE. to E. winds over Ireland, the W. of England and W. of France. In Holland the wind is N. and in N. Germany W. Sea is rough at Scilly and Queen Head, moderate to slight elsewhere. Barometrical Indications. Pressure is increasing over the N. of England and S. of Scotland, decreasing in all other places. Areas of high readings are shown over the E. of France, the N. of England, and N. of Scandinavia, while depressions are shown over the Bay of Biscay, Holland and the Baltic. Warnings. The South Coast has been hoisted on our SW. coasts this morning.

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DAILY WEATHER REPORT 4th Decr 1879.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29.74	−12	N	2	o	29.67	− .24	−8	−8	− 1	N	2	o	*	−6	−14	—
Hernösand ...	29.77	−8	Z	o	b	29.57	− .36	4	3	+ 11	Z	o	o	*	?	−11	—
Stockholm ...	29.86	1	SW	2	b	29.77	− .06	4	4	+ 4	SW	2	bcs	*	9	−4	—
Wisby	29.69	19	E	4	b	29.73	+ .04	20	19	− 4	SW	4	o	*	27	18	0.12
Christiansund...	29.71	29	WSW	6	c	29.50	− .33	29	28	+ 4	WSW	8	s	25	?	?	—
Skudesnaes ...	29.88	22	ESE	2	b	29.77	− .09	27	26	+ 4	SE	6	o	4	?	19	—
Oxö (Xsiaesund) ...	29.89	10	NNW	4	b	29.80	− .07	12	11	+ 3	NW	2	b	1	14	5	—
Skagen (The Skaw)	29.89	20	NNW	2	b	29.86	− .02	15	13	− 2	WSW	3	c	1	27	7	—
Fanö	29.90	13	NE	2	b	29.88	+ .03	10	10	− 3	E	1	b	*	18	10	—
Cuxhaven ...	29.87	22	NNE	3	b	29.86	+ .07	16	16	− 4	ESE	1	f	*	43	?	—
Sumburgh Head	29.71	32	NNE	2	b	29.60	− .15	33	32	o	Z	o	o	1	37	24	0.11
Stornoway ...	29.76	29	Z	o	b	29.65	− .20	29	29	o	NW	4	bc	3	34	25	0.07
Thurso																	
Wick	29.98	21	NW	1	b	29.62	− .16	30	29	o	NW	1	bc	2	30	16	0.02
Nairn	29.82	25	Z	o	b	29.70	− .17	30	30	+ 7	WSW	2	b	2	30	19	0.07
Aberdeen ...	29.78	27	W	2	c	29.75	− .13	17	16	+ 1	WSW	1	b	2	30	15	—
Leith	29.87	23	W	1	b	29.79	− .14	15	15	o	W	2	bm	*	28	7	—
Shields	29.88	24	NW	1	b	29.80	− .12	11	11	− 19	WNW	2	bc	4	30	10	—
Spurn Head ...	29.87	30	E	3	c	29.69	− .17	33	32	+ 1	NE	6	bcsq	6	37	30	0.01
York	29.87	23	E	1	b	29.75	− .16	12	12	− 3	N	1	b	*	30	8	—
Nottingham ...	29.84	21	Z	o	b	29.78	− .07	21	20	+ 5	N	3	s	*	24	16	—
Ardrossan ...	29.87	29	ENE	2	bm	29.81	− .11	17	17	− 5	E	2	bf	1	30	15	—
Mullaghmore ...	29.78	32	ESE	5	b	29.79	− .01	30	30	+ 2	E	3	b	3	34	29	—
Donaghadee ...	29.83	35	SE	3	bc	29.81	− .07	33	33	− 2	ESE	3	b	1	35	32	—
Kingstown ...	29.75	37	E	4	c	29.75	− .04	33	31	− 3	NNE	3	b	4	37	32	0.02
Holyhead ...	29.80	31	E	3	b	29.75	− .07	28	28	− 5	E	2	b	1	34	28	—
Liverpool (Bidston)	29.81	28	E	3	b	29.76	− .11	24	22	− 1	ENE	1	b	1	30	22	—
Valentia	29.60	28	E	3	b	29.70	+ .09	33	30	− 5	ENE	5	bcm	5	44	31	—
Roche's Point...	29.61	36	ESE	4	o	29.63	− .01	31	29	− 4	NE	4	b	5	42	27	—
Pembroke ...	29.65	30	E	5	b	29.63	− .09	27	26	− 8	NE	5	bcm	3	36	26	—
Scilly	29.47	40	E	10	o	29.40	− .23	34	32	− 5	ENE	10	o	7	40	34	—
Prawle Point ...	29.56	35	E	7	b	29.39	− .34	32	30	− 1	ENE	8	bc	7	39	30	—
Hurst Castle ...	29.70	31	E	6	b	29.53	− .31	30	30	− 1	NE	6	bc	6	35	28	—
Dover	29.78	30	ESE	5	b	29.57	− .30	34	31	+ 6	E	6	bc	5	34	26	—
London	29.77	26	E	3	bm	29.60	− .27	28	?	+ 5	ENE	3	o	*	32	24	—
Oxford	29.78	26	Z	o	b	29.68	− .19	24	24	+ 4	NE	2	o	*	33	21	—
Cambridge ...	29.81	26	ENE	1	b	29.67	− .22	23	23	o	ENE	1	o	*	34	17	—
Yarmouth ...	29.84	33	ESE	4	c	29.69	− .18	31	30	+ 2	ESE	6	c	5	33	28	0.01
The Helder ...	*	*	*	*	*	29.78	+ .09	21	19	− 12	E	2	c	*	*	*	*
Cape Gris Nez	29.77	24	E	7	b	29.56	− .33	21	21	+ 3	E	7	c	3	30	16	—
Jersey	29.53	28	E	7	c	29.18	− .62	32	27	+ 8	ENE	8	om	6	32	23	—
Brest	29.32	30	E	7	o	29.12	− .57	31	30	+ 3	N	7	b	4	36	?	—
Lorient	29.30	30	ESE	8	m	28.95	− .67	30	29	+ 4	SE	11	s	7	32	28	?
Rochefort ...	29.24	35	S	9	r	29.02	− .63	50	47	+ 22	SW	8	o	4	?	?	0.51
Biarritz																	
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	29.62	− .33	15	15	+ 5	ENE	4	o	*	23	14	—
Charleville ...	?	2	W	3	b	?	?	22	18	+ 28	NE	8	o	*	25	?	—
Paris	29.69	21	?	3	b	29.35	− .58	26	26	+ 10	NE	5	s	*	*	*	?
Lyons	29.68	22	NNE	1	s	29.28	− .47	41	41	+ 28	ESE	1	bc	*	44	17	0.16
Toulon	29.70	38	E	11	r	29.53	− .37	42	42	+ 5	E	9	r	7	?	37	0.32

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29.86	19	14	Z	o	b	2	Valentia ...	29.58	43	39	ENE	4	bc	4
Sumburgh Head	29.74	33	33	SSE	3	c	3	Scilly	29.53	39	36	E	9	c	7
Stornoway ...	29.81	32	32	Z	o	c	o	Dover	29.81	32	31	ESE	3	b	1
Aberdeen ...	29.81	27	26	WSW	2	c	3	London ...	29.82	31	?	E	2	bcm	4
Shields	29.90	28	28	W	2	bc	4	Yarmouth ...	29.87	33	32	E	4	b	5
Ardrossan ...	29.90	29	28	ENE	2	bf	1	Jersey... ...	29.65	28	26	E	4	om	3
Mullaghmore ...	29.80	34	32	ESE	5	bcm	4	Rochefort ...	29.42	33	32	E	8	o	4
Holyhead... ...	29.79	33	31	NNE	3	b	2								

The barometer continues to fall in most places, but rose in the S. than elsewhere. The wind has increased to a strong gale at Scilly, and seems likely to freshen considerably from the same quarter over the SE. districts.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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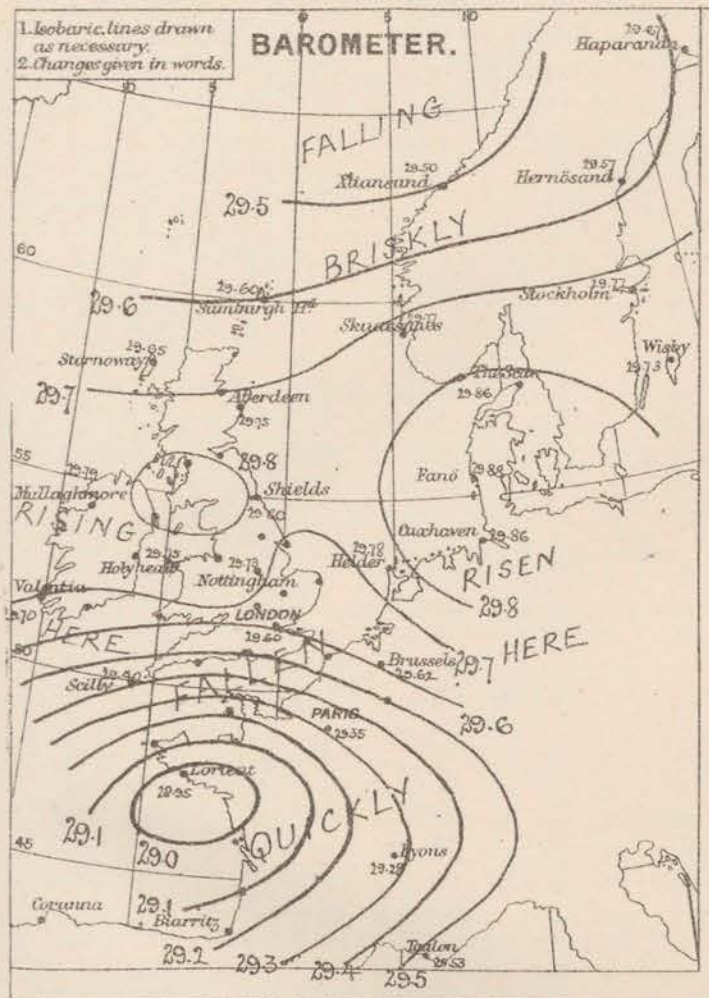
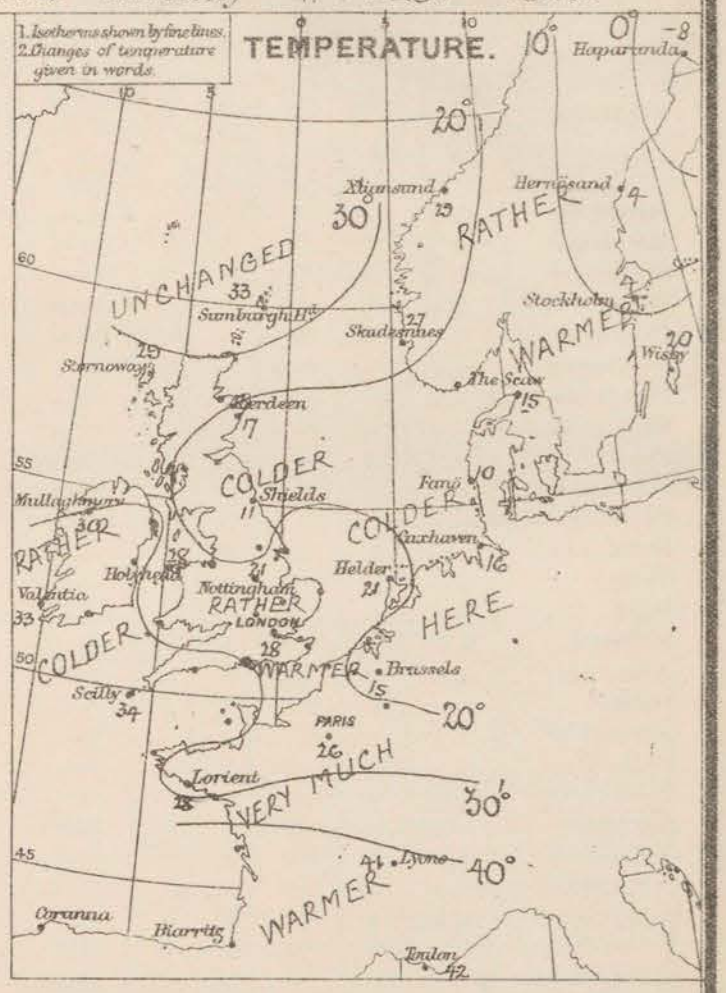
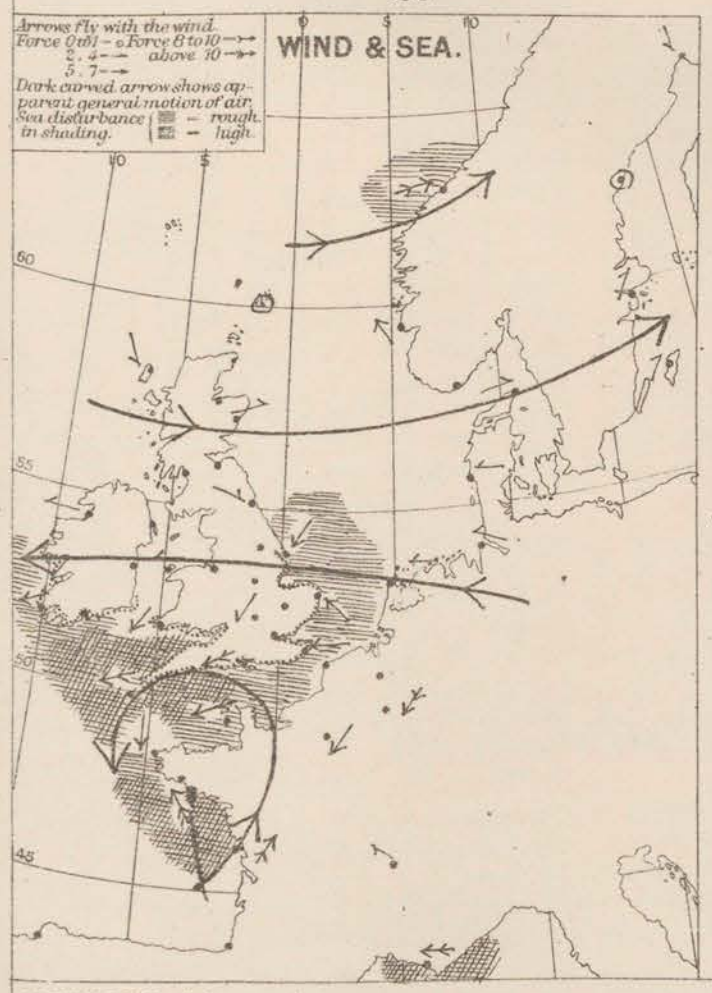
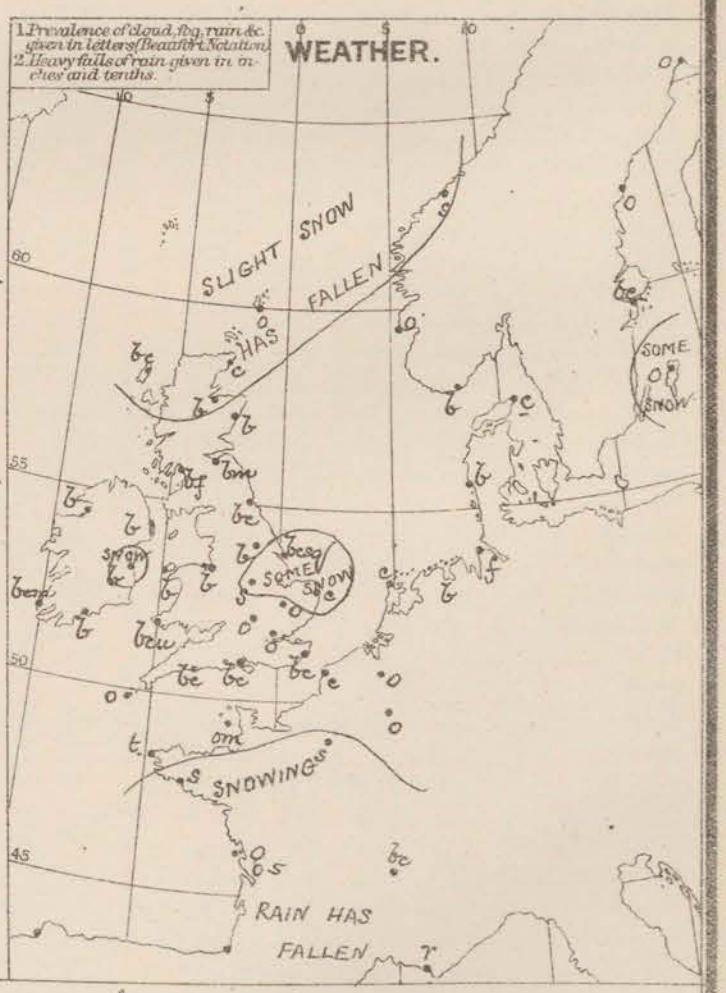
WEATHER CHARTS *for 8 a.m. on Thursday 4TH DECR 1879.*







A dotted line is drawn when the signals are up



REMARKS. Weather this morning is fine quiet and very cold over all the N^n parts of the British Isles, but rather cloudy, very squally and rough on our S^n coasts and in the Channel. Thunder is reported at Brest, heavy snow at L'Orient, and some snow at Paris, and on some parts of our E. coast. Lunar halos were seen in the S^n districts last night. Temperature remains low generally, but especially so over our N^n counties, where readings vary from 12° to 17°. In the course of the night the sheltered thermometer has been down to 7° at Leith, 8° at York, 10° at Shields, 14° at Cambridge and 23° in London. In the S^n of France the thermometer has risen very fast. Wind is blowing a gale from E. in the Channel, and a strong breeze from the same quarter on our E. coast, but is nearly calm over our N^n counties, while in the far N. there is a light W^n breeze. Sea is high in the Channel and Bay of Biscay, rough on our E. and SE. coasts. Barometrical Indications. The centre of a rather deep depression has reached the W. coast of France from the Atlantic during the night; another but shallower disturbance appears to be approaching the NW. of Scandinavia, but over the rest of the United Kingdom pressure is uniform between 29.7 ins. and 29.8 ins. Warnings. The S. cone is up in the SW. and the N. cone is in the NE, E. and SE.

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Meteorological Office, No. Victoria Street, Westminster, S.W.

R. H. SCOTT. Secretary.

DAILY WEATHER REPORT 5th Dec.r 1879.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 6).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29.69	-5	NW	2	o	29.79	+ .12	0	0	+ 8	N	4	o	*	0	-13	—
Hernösand ...	29.59	11	E	2	o	29.76	+ .19	22	20	+ 18	E	6	o	*	?	-11	0.12
Stockholm ...	29.62	11	SW	2	be	29.65	— .12	15	15	+ 11	? NW	2	o	*	?	?	—
Wisby	29.69	24	WNW	6	be	29.69	— .04	30	29	+ 10	NNW	6	o	*	?	18	—
Christiansund...	29.42	29	S	2	s	29.42	— .08	26	24	— 3	ESE	2	b	3	30	18	0.71
Skudesnaes ...	29.56	36	SSW	8	be	29.49	— .28	35	35	+ 8	SSW	9	p	6	36	27	—
Oxö (Xtiansund) ...	29.69	28	SSW	4	c	29.63	— .17	28	26	+ 16	SSW	4	c	2	28	?	—
Skagen (The Skaw)	29.79	18	WSW	4	b	29.72	— .13	19	18	+ 4	W	3	b	0	19	10	—
Fanö	29.75	14	ENE	2	b	29.62	— .26	18	17	+ 8	ENE	3	c	*	18	10	—
Cuxhaven ...	29.85	20	E	2	o	29.51	— .35	25	25	+ 9	ENE	5	o	*	?	?	—
Sumburgh Head	29.33	29	NNE	3	c	29.30	— .30	32	31	— 1	Z	0	o	2	33	23	0.30
Stornoway ...	29.60	32	Z	0	b	29.46	— .19	35	35	+ 6	N	4	c	4	36	29	0.40
Thurso																	
Wick	29.53	32	NW	2	be	29.38	— .24	33	32	+ 3	NW	2	s	2	34	25	—
Nairn	29.60	32	Z	0	s.	29.40	— .30	33	32	+ 8	Z	0	c	2	33	29	0.22
Aberdeen ...	29.58	25	WSW	2	be	29.45	— .30	26	25	+ 9	W	1	o	2	31	15	0.01
Leith	29.68	26	S	2	b	29.50	— .29	31	31	+ 16	W	3	ow	*	31	11	0.08
Shields	29.71	20	WNW	2	b	29.57	— .23	27	27	+ 16	W	2	o	2	27	11	—
Spurn Head ...																	
York	29.69	23	NE	1	c	29.61	— .14	15	15	+ 3	ESE	1	b	*	24	11	0.01
Nottingham ...	29.68	22	N	2	b	29.69	— .04	18	17	— 3	Z	0	c	*	28	14	—
Ardrossan ...	29.70	34	WNW	3	b	29.53	— .28	35	34	+ 18	N	1	f	0	37	7	0.03
Mullaghmore ...	29.75	29	SW	2	b	29.65	— .14	37	36	+ 7	SW	3	c	2	39	28	0.04
Donaghadee ...	29.75	25	W	1	be	29.62	— .19	31	31	— 2	W	1	o	0	35	20	0.02
Kingstown ...	29.75	29	WNW	2	b	29.67	— .08	34	33	+ 1	WNW	4	o	4	37	23	—
Holyhead ...	29.70	33	NE	3	b	29.63	— .12	36	35	+ 8	WSW	4	m	3	38	28	0.04
Liverpool (Bidston)	29.70	27	NE	1	b	29.62	— .14	31	30	+ 7	SW	2	o	1	32	24	—
Valentia	29.80	31	ENE	3	b	29.78	+ .08	41	39	+ 8	NE	2	cp	2	44	27	0.02
Roche's Point...	29.72	32	NNE	4	b	29.73	+ .10	36	35	+ 5	NNW	3	c	4	37	26	—
Pembroke ...	29.64	31	NE	5	b.	29.70	+ .07	40	34	+ 13	WNW	6	c	4	40	26	0.01
Scilly	29.84	38	ENE	10	o	29.82	+ .42	40	35	+ 6	WNW	5	c	5	40	34	—
Prawle Point ...	29.46	30	ENE	6	o	29.78	+ .39	27	25	— 5	NNW	2	b	3	34	21	—
Hurst Castle ...	29.45	30	ENE	7	o	29.75	+ .22	23	23	— 7	NNW	1	b	2	35	23	—
Dover	29.43	28	ENE	7	c	29.51	— .06	28	27	— 6	NNE	5	osp	3	37	27	0.01
London	29.52	25	ENE	6	c	29.67	+ .07	25	?	— 3	NNW	1	o	*	32	23	0.01
Oxford	29.59	24	NE	5	b	29.72	+ .04	21	21	— 3	NE	1	bm	*	31	21	0.02
Cambridge ...	29.61	23	NE	2	b	29.69	+ .02	23	23	0	NW	1	o	*	31	? 19	?
Yarmouth ...	29.50	26	E	8	c	29.60	— .09	30	29	— 1	NE	3	og	5	32	24	—
The Helder ...	*	*	*	*	*	29.48	— .30	24	22	+ 3	NE	5	c	*	*	*	*
Cape Gris Nez	29.39	21	E	7	o	29.53	— .03	30	30	+ 9	N	11	o	7	?	16	—
Jersey	29.24	31	ENE	10	o	29.80	+ .62	32	28	0	NNW	3	c	3	39	29	—
Brest	29.33	29	ENE	7	s	29.85	+ .73	30	28	— 1	N	3	be	3	36	28	0.16
Lorient	29.66	27	ESE	11	s	29.88	+ .93	32	30	+ 2	NNE	5	c	5	33	27	—
Rochefort ...																	
Biarritz																	
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	29.38	— .24	18	17	+ 3	NNW	4	s	*	21	15	0.17
Charleville ...	?	20	NE	5	o	?	?	18	15	— 4	NW	7	s	*	25	17	0.28
Paris	29.20	24	?	3	s	29.61	+ .26	26	25	0	?	1	m	*	*	*	?
Lyons														*			
Toulon	29.41	49	WSW	3	b	29.68	+ .15	43	37	+ 1	NW	7	b	6	52	41	—

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29.61	36	34	SSW	8	o	5
Sumburgh Head	29.46	31	31	NNE	4	s	3
Stornoway ...	29.62	30	30	WNW	2	s	2
Aberdeen ...	29.64	25	25	WSW	1	b	2
Shields	29.71	20	20	WNW	1	b	3
Ardrossan ...	29.75	27	26	E	1	bf	1
Mullaghmore ...	29.77	35	31	SSW	2	b	2
Holyhead... ...	29.75	35	32	NE	4	b	3

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valentia ...	29.75	37	33	NE	3	bm	4
Scilly	29.45	38	36	ENE	10	c	8
Dover	29.46	31	30	ENE	6	c	5
London ...	29.53	31	?	ENE	5	bom	4
Yarmouth ...	29.62	28	27	E	6	c	6
Jersey	29.17	34	30	ENE	10	om	7
Rochefort ...	29.05	52	48	S	8	o	4

The depression over France is moving E.ward. The E.ly gale has become very severe in the N. part of the Channel and is likely to spread to our E. coast during tonight. Extremely sharp frost prevails over our N. counties.

EXPLANATION OF COLUMNS.

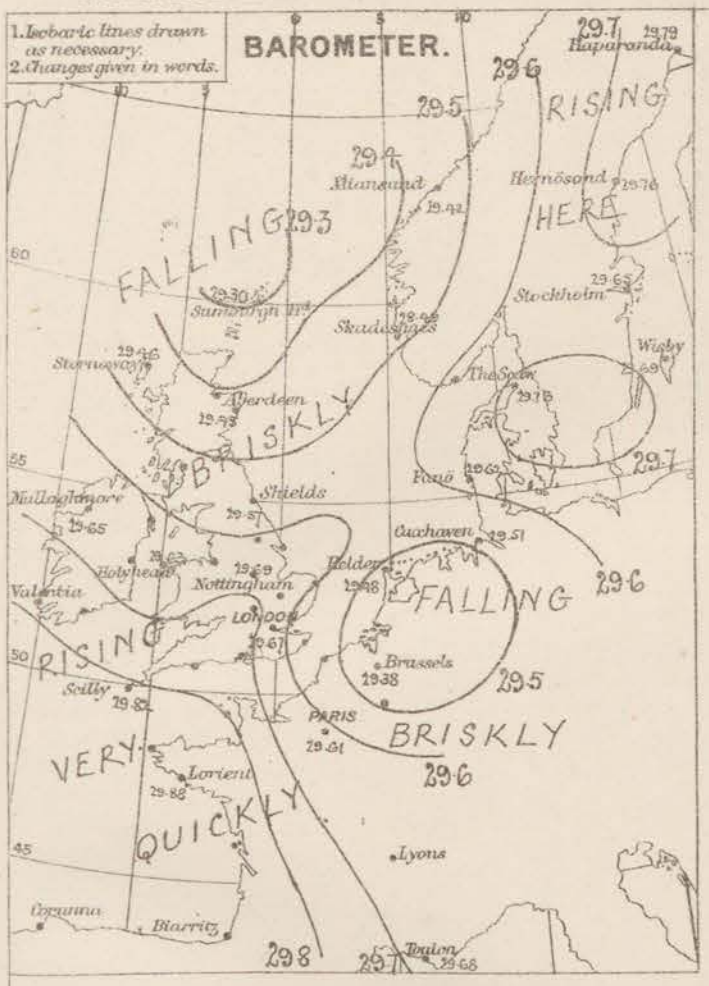
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

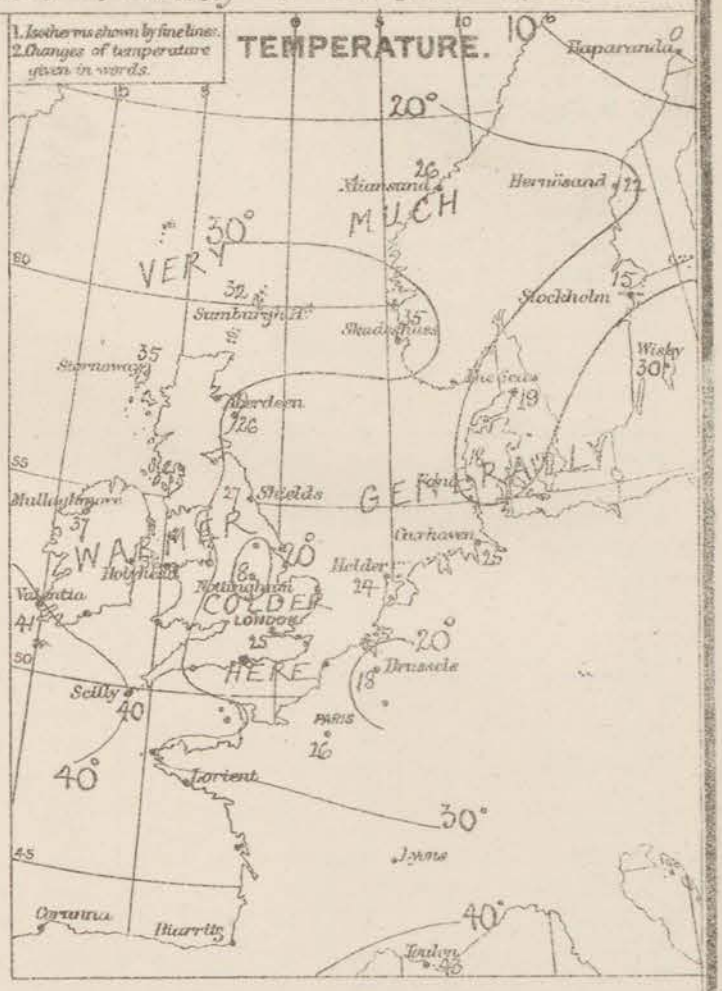
* AN ASTERISK is inserted in all places for which information is not usually received.

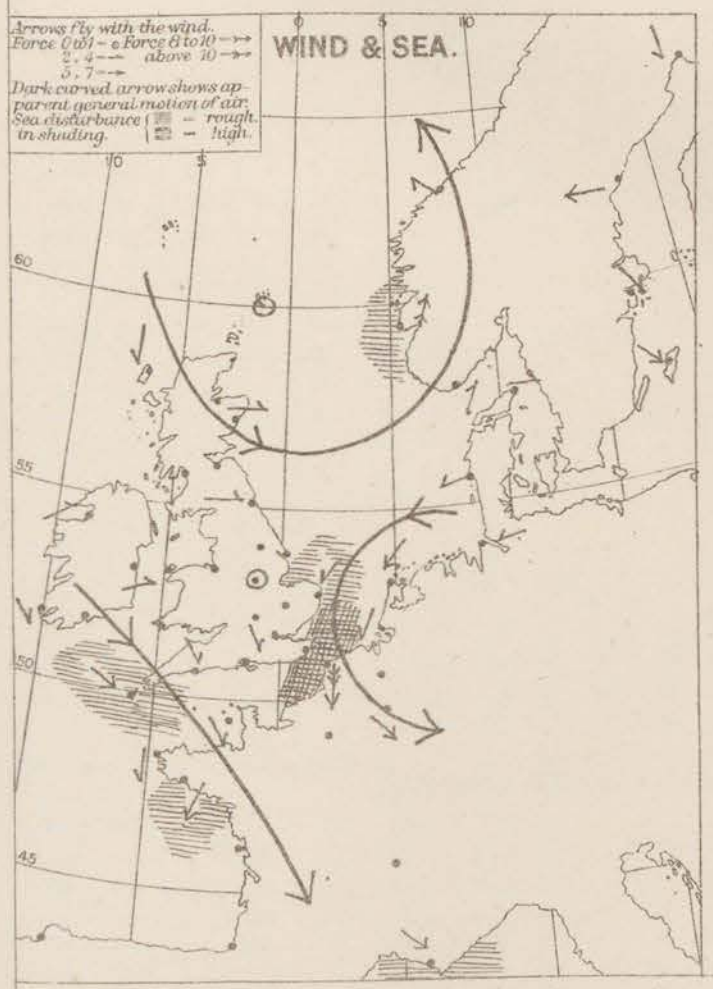
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

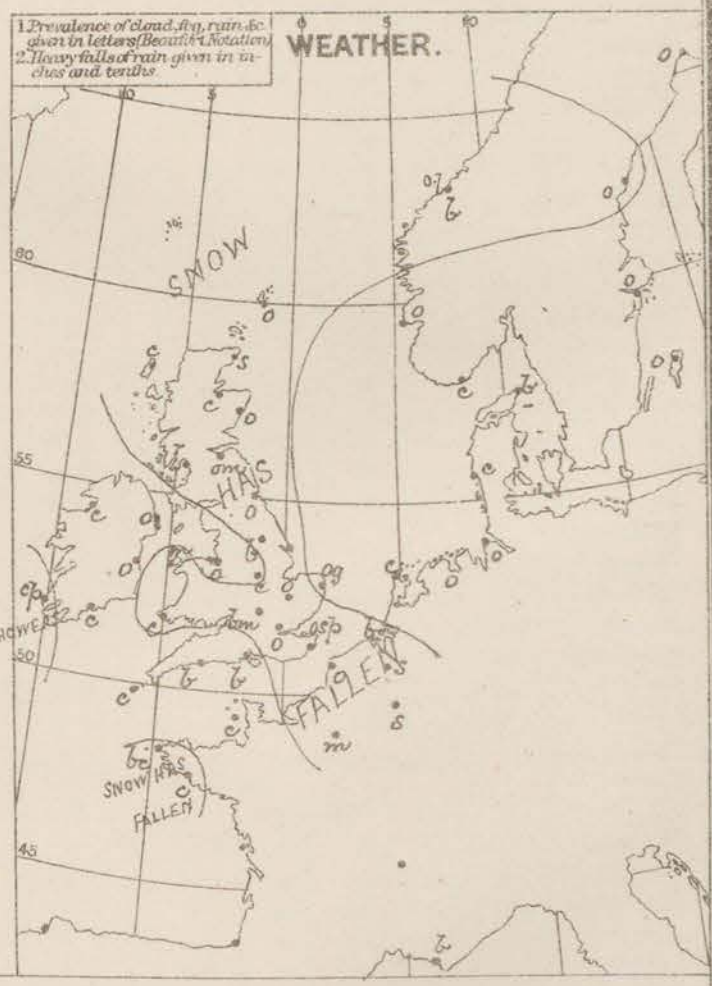
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m. on Friday 5th Decr 1879.









REMARKS. Weather is much more cloudy generally than it has been of late, with rain at Hernösand, and snow at Dover. A good deal of snow fell in Scotland yesterday, and smaller quantities in some parts of Ireland and England. Lightning was seen frequently in the S. of Ireland last night. Temperature has risen quickly at many of the N. stations, – as much as 18° at Hernösand, but is nevertheless still below the freezing point in many places. In the S. and SE it has fallen, and sharp frost is still prevalent over the greater part of England. Wind is N. to NW. all over the United Kingdom, and light in force. It blew a hard gale from the E. in the Channel, the S. of England and N. of France yesterday, and a N. gale still holds at C. Gris Nez, but in our Islands the wind has lulled. Sea is very rough in the St. of Dover, but has gone down elsewhere, and is generally moderate to smooth.

Barometrical Indications. The depression noticed in the W. of France yesterday is now over the Netherlands. The barometer is rising at our S. stations, but falling in the N. where there appears to be a large shallow depression moving in an E. to SE. direction.

Warnings. The Signals are down on all coasts.

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Meteorological Office.
116, Victoria Street, Westminster: S.W.

R. H. SCOTT.
Secretary.

Dangerfield Lith. 22 Bedford St. Covent

DAILY WEATHER REPORT 6th Dec. 1879.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	30·00	−8	N	2	b	30·12	+ ·33	−17	−17	− 17	Z	0	b	*	0	−17	—
Hernösand ...	29·95	17	NW	6	s	30·11	+ ·35	19	18	− 3	NE	2	o	*	27	7	0·20
Stockholm ...	29·86	19	Z	0	o	30·08	+ ·43	22	21	+ 7	ENE	2	o	*	23	9	0·04
Wisby	29·76	27	NNW	4	b	29·91	+ ·22	22	21	− 8	E	6	b	*	32	19	0·04
Christiansund...	29·58	24	ESE	1	b	29·78	+ ·36	24	23	− 2	ESE	2	b	2	27	16	0·20
Skudesnaes ...	29·69	35	SSE	8	o	29·89	+ ·40	34	32	− 1	SSE	8	o	5	36	34	—
Oxö (Xtiansund) ...																	
Skagen (The Skaw)	29·86	22	E	3	b	30·01	+ ·28	23	23	+ 4	E	3	c	1	23	16	—
Fanö	29·74	24	NNE	4	o	29·89	+ ·27	23	22	+ 5	NE	4	c	*	?	18	—
Cuxhaven ...	29·55	28	ENE	8	s.	29·76	+ ·25	30	30	+ 5	NE	5	o	*	?	?	—
Sumburgh Head	29·56	31	NNE	3	b	29·84	+ ·34	29	27	− 3	NNE	1	b	2	32	24	—
Stornoway ...	29·61	31	N	3	b	29·90	+ ·44	32	31	− 3	Z	0	b	0	36	25	—
Thurso																	
Wick	29·57	35	NNE	3	bc	29·91	+ ·33	32	31	− 1	WNW	1	bc	1	35	17	0·05
Nairn	29·55	35	NNW	5	o.	29·90	+ ·50	27	26	− 6	Z	0	b	2	36	27	0·08
Aberdeen ...	29·50	30	W	1	b	29·92	+ ·47	25	24	− 1	WSW	1	b	1	37	25	0·03
Leith	29·56	32	NW	3	b	29·94	+ ·44	31	30	0	W	2	cm	*	37	29	0·04
Shields	29·55	30	WSW	1	s	29·97	+ ·40	28	28	+ 1	W	1	f	2	32	26	0·35
Spurn Head ...	29·60	30	SSW	5	o	29·94	+ ·33	33	31	+ 5	NW	3	bc	5	36	27	—
York	29·41	29	SE	1	s	30·00	+ ·39	12	12	− 3	WNW	1	f	*	29	11	0·21
Nottingham ...	29·59	28	SSE	2	s	30·01	+ ·32	21	20	+ 3	Z	0	b	*	30	? 18	0·28
Ardrossan ...	29·56	37	N	4	b	29·96	+ ·43	26	25	− 9	E	2	b	1	41	25	0·09
Mullaghmore ...	29·68	43	NNW	5	cp	29·95	+ ·30	36	35	− 1	SW	2	c	2	45	35	0·04
Donaghadee ...	29·61	42	W	2	o	29·96	+ ·34	36	35	+ 5	WSW	2	bc	1	42	30	0·10
Kingstown ...	29·65	40	W	5	b	29·94	+ ·27	34	33	0	WNW	3	b	3	41	31	—
Holyhead ...	29·60	44	W	6	m	29·93	+ ·30	35	34	− 1	SSE	2	b	2	45	34	0·03
Liverpool (Bidston)	29·53	39	WNW	4	c	29·95	+ ·33	28	27	− 3	SE	2	b	1	39	28	0·63
Valentia	29·84	44	NW	3	cp	30·01	+ ·23	39	38	− 2	NNW	2	bcp	1	49	37	0·05
Roche's Point...	29·79	42	NNW	5	bc	29·96	+ ·23	38	37	+ 2	NNW	2	c	3	44	33	—
Pembroke ...	29·71	42	NW	4	b	29·92	+ ·22	39	38	− 1	E	1	c	2	45	37	0·02
Scilly	29·79	45	NW	5	bc	29·92	+ ·10	47	45	+ 7	NNW	5	cp	5	47	39	0·10
Prawle Point ...	29·76	38	WNW	4	b	29·90	+ ·12	36	34	+ 9	N	2	b	2	40	25	0·04
Hurst Castle ...	29·72	39	NNW	4	o	29·90	+ ·15	33	32	+ 10	NE	3	og	4	39	23	0·05
Dover	29·72	30	WNW	1	os	29·85	+ ·34	31	30	+ 3	NNW	2	bcs	1	32	28	0·08
London	29·69	32	WSW	2	cm	29·90	+ ·23	29	?	+ 4	NW	1	bf	*	35	24	0·03
Oxford	29·67	33	SW	1	o	29·97	+ ·25	30	30	+ 9	NE	1	o	*	35	21	0·11
Cambridge ...	29·61	29	SW	1	o	29·94	+ ·25	18	18	− 5	NE	1	b	*	32	17	0·45
Yarmouth ...	29·68	28	Z	0	bcm	29·90	+ ·30	32	31	+ 2	ENE	3	csp	4	32	25	0·04
The Helder ...	*	*	*	*	*	29·83	+ ·35	26	26	+ 2	NE	3	c	*	*	*	*
Cape Gris Nez	29·72	30	WNW	1	s	29·81	+ ·28	22	22	− 8	E	3	b	2	?	?	0·08
Jersey	29·84	37	WSW	5	o	29·88	+ ·08	42	39	+ 10	NNE	3	c	3	45	32	0·12
Brest	29·91	43	W	5	b	29·95	+ ·10	46	45	+ 16	NW	3	c	3	?	?	0·04
Lorient	29·92	42	WSW	5	b	29·92	+ ·04	44	41	+ 12	NNW	5	b	3	?	32	—
Rochefort ...																	
Biarritz																	
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	29·80	+ ·42	17	?	− 1	NE	1	b	*	26	16	0·04
Charleville ...	?	20	W	5	o	?	?	22	21	+ 4	NE	1	o	*	25	17	0·32
Paris	29·87	27	Z	0	b	29·78	+ ·17	36	35	+ 10	WNW	3	o	*	*	*	0·04
‡ Lyons	29·98	30	NNW	1	b	30·02	+ ·24	25	24	− 8	SSE	1	o	*	38	20	—
Toulon																	

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29·60	35	34	SSE	9	o	6	Valentia ...	29·80	48	44	NW	3	c	4
Sumburgh Head	29·48	31	30	NNE	2	b	2	Scilly	29·80	46	42	WSW	7	ow	6
Stornoway ...	29·52	34	33	N	1	b	2	Dover	29·70	31	30	WNW	2	b	1
Aberdeen ...	29·44	32	31	W	1	b	1	London ...	29·71	33	?	SW	1	cm	*
Shields	29·53	30	30	WSW	1	f	2	Yarmouth ...	29·66	30	29	WNW	2	bm	4
Ardrossan ...	29·51	41	39	NW	3	c	2	Jersey	29·87	38	34	W	3	c	3
Mullaghmore ...	29·65	44	43	WNW	6	cp	4	Rochefort ...	29·97	37	34	N	5	bo	4
Holyhead... ...	29·62	41	39	W	5	m	4								

Pressure is changing very irregularly. In the N. however, it is increasing again and the present increase of temperature does not seem likely to last long.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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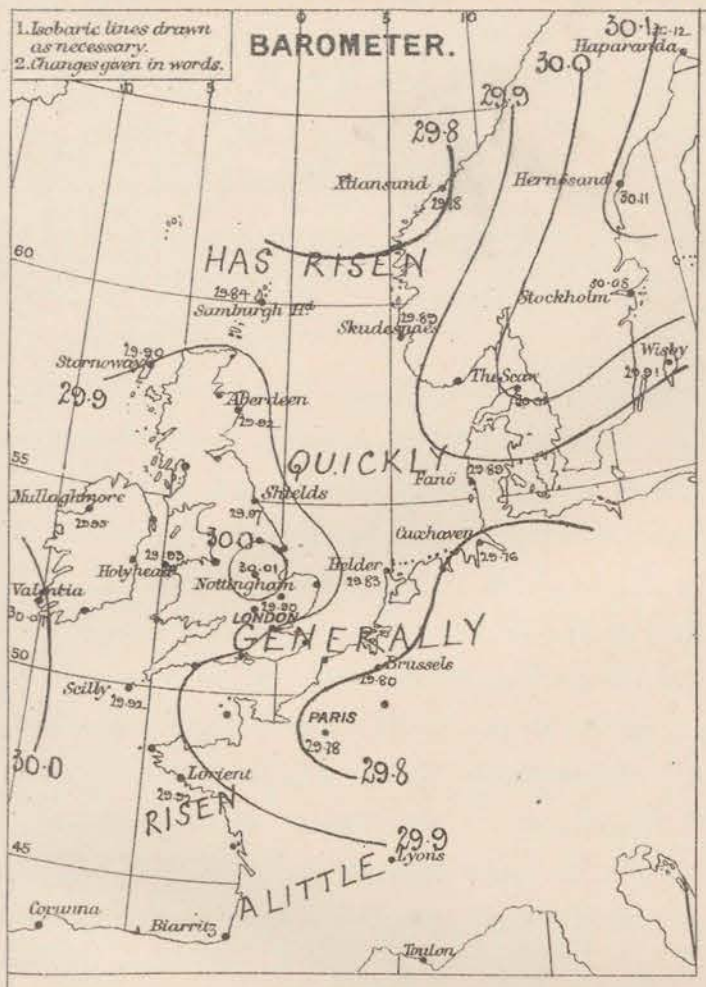
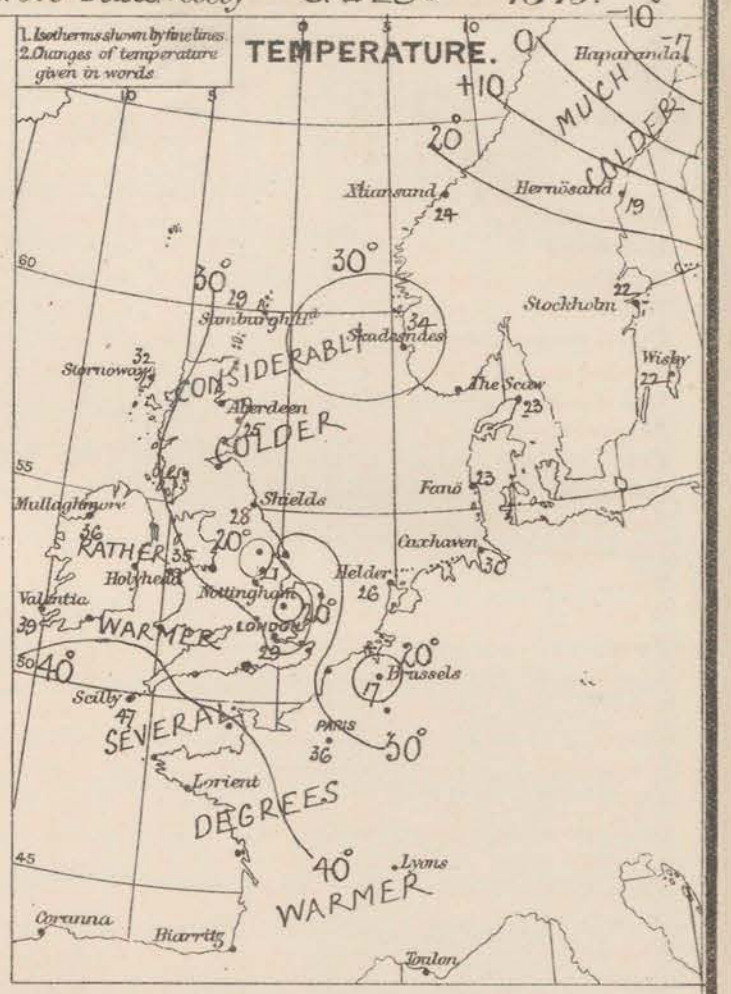
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

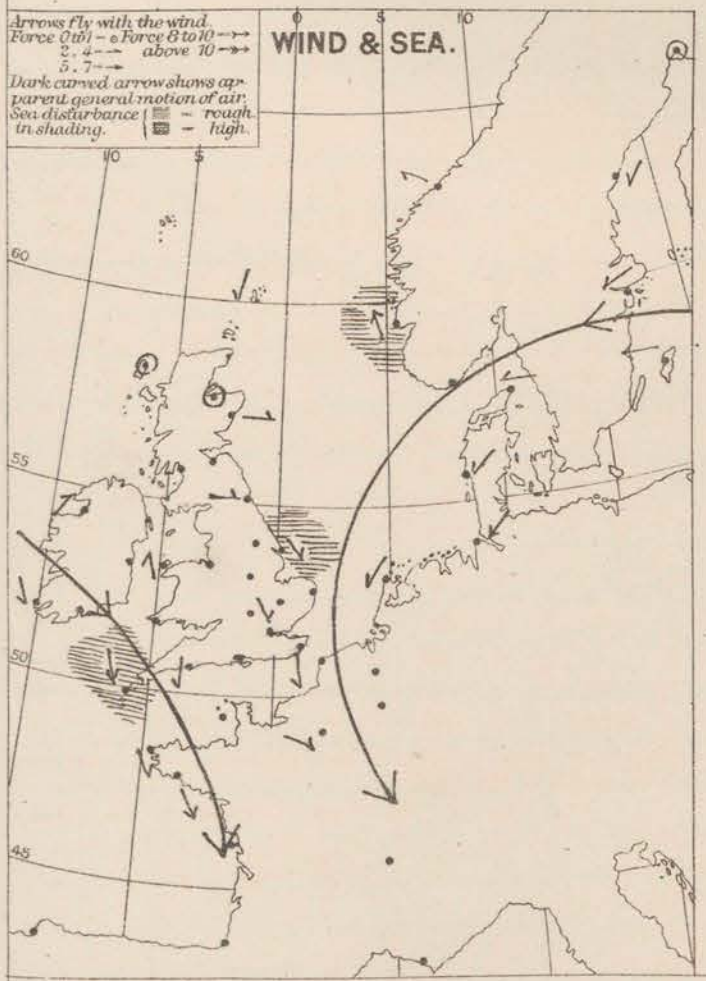
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

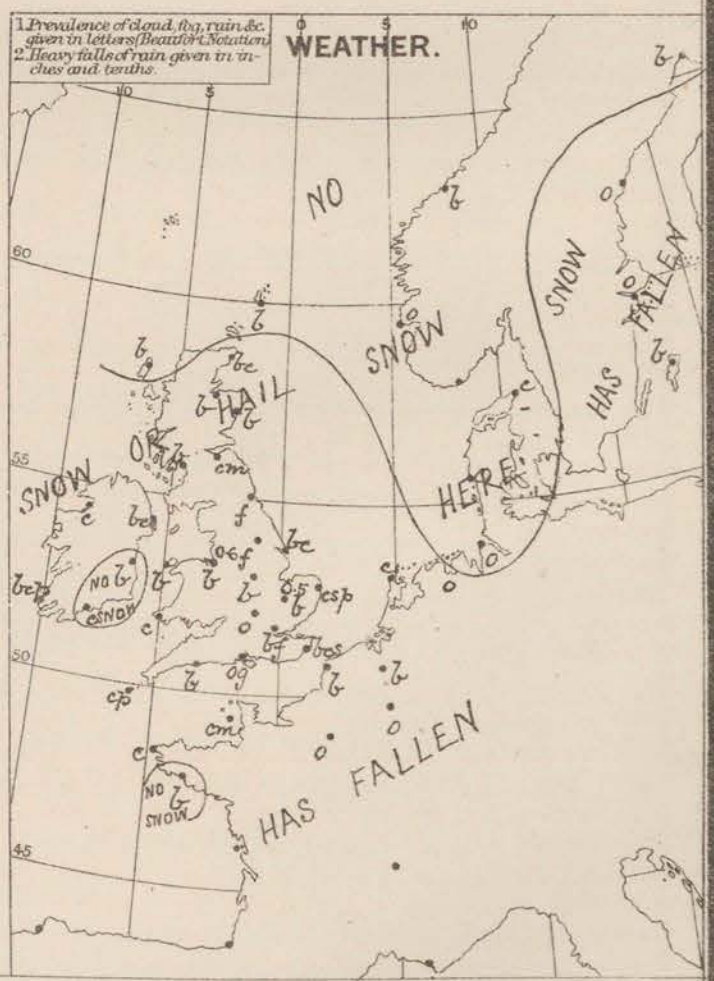
‡ Received too late for insertion in Charts.

WEATHER CHARTS *for 8 a.m. on Saturday 6. DEC^R 1879.*









REMARKS. Weather is quiet and fair this morning over almost the whole of the United Kingdom, the only exceptions reported being some showers of snow at Yarmouth, and of rain at Valentia and Scilly. Some snow, hail, or wet rain fell in all parts of our Islands yesterday, and in the NE of England the fall was considerable. Temperature, after rising very generally yesterday has fallen again to-day, and is as low as 12° at York and 18° at Cambridge this morning. In London the thermometer rose to about 35° in the early part of the night, but has since fallen briskly. Wind is very light and variable over our Islands, but chiefly NW. It blew briskly from W in the Irish Sea last evening. Sea is now smooth both at Holyhead and Dover, rather rough at Scilly.

Barometrical Indications. This morning the barometer is relatively high over Scandinavia and our Islands, a band of low readings being found over the North Sea, which there is a depression over Germany and the E of France. The barometer is rising generally.

Subscription for these Charts payable in advance to cover delivery. | Delivery by hand 10/ per quarter; book post 5/ " "

Meteorological Office. 116, Victoria Street, Westminster. S.W.

R. H. SCOTT. Secretary

DANCERFIELD ... 22 BEDFORD ST. COVENT GARDEN

SUMMARY OF WEATHER IN WESTERN EUROPE

from NOVEMBER 30TH *to* DECEMBER 6TH 1879.

(Issued Weekly as a Supplement to the "Daily Weather Report.")

The weather has been cold and wintry throughout. During Sunday and Monday an area of low pressure lay over the North Sea and moderate to fresh N.-breezes prevailed with low temperatures in the E., with occasional snow, and milder, fair weather in the W. By Tuesday this depression had moved S.wd over France, the barometer had risen briskly in the SE., while it had fallen in the W and N., so that pressure had become very uniform, the wind had fallen and temperature had decreased quickly and was very low. On Tuesday evening pressure was still going up in the SW., a brisk SE. breeze had sprung up and temperature was rising. On Wednesday the conditions were rather complicated, an anticyclone lying over N. England with a large area of low pressure over the Bay of Biscay, and a small depression over Holland so that SE. to E. winds prevailed on our coast and the French western coasts, and variable airs in the E. Temperature was rising. The depression over the Bay of Biscay proved to be very important, and as it passed ENE.wd across France caused a sharp fall of the barometer over France, and strong W. gales in the S. of that country, and E. to NE. gales in the N. and the Channel. On Friday the lowest pressures were shown over the W. part of the North Sea and W. winds and a slight thaw set in in the evening with snow but on Saturday the barometer was high and rising over these Islands the wind was very light from N. and a very hard frost set in at night.

SUNDAY NOV. 30TH

Weather fine generally, but snow reported from E. Scotland and Yarmouth, and rain from Valentia. Snow all day in the E. and N., fine elsewhere.

Temperature fallen generally, and low over Great Britain; readings ranging from 26° at Oxford and 29° at Nairn to 44° at Scilly. Maxima between 30° and 40°, and sharp frost at our central and eastern stations at night.

Wind SE. over Scandinavia, W. over these Islands and France, moderate to fresh in force generally. No change of importance during day.

Sea rough in the N., NE. and SW.

Barometer rising over the W. of France and Scandinavia, falling elsewhere. Readings relatively high over our W. coast, and over the Gulf of Bothnia, with a depression over the North Sea and a second over S. France. Northern depression moving S.wd towards Yarmouth later.

MONDAY DEC. 1ST

Weather varying considerably; fine and bright at most of our stations and the French western stations, cloudy with snow showers in the E. Slight snow during the day in the N., E. and central districts.

Temperature rises a little N. fallen considerably in most other places; reading varying over these Islands from 24° in London to 42° at Scilly and 35° at Wick. Maxima between 30° and 40° and severe frost at night.

Wind W. on our coast and E. over the North Sea; moderate to fresh in force generally, but E. gale springing up at Yarmouth later in day. W. gale at Toulon all day.

Sea rough NE. and SW.

Barometer rising in Scotland, and in the countries to the E.wd of the North Sea, falling elsewhere. Depression shown over the SE. of England, and moving slowly S.wd over France during day.

TUESDAY DEC. 2ND

Weather fine and bright over nearly the whole of our area, but cloudy at a few stations with snow at Wick, Aberdeen, Hawks Point and Blacksly. Slight snow subsequently in E and SW., but weather fine generally.

Temperature fallen in nearly all places, rapidly over Central England. Thermometer below 32° on nearly all coast and as low as 5° at Nottingham and 16° in London. Minima as low as 30° to 35° Exept in the W. and SW.

Wind E. over France and our S. districts, very variable elsewhere, light generally. Fresh SE. wind appearing in the SW. later & spreading E.wd.

Sea rough at the mouth of the Humber

Barometer rising in the SE. falling in all other places — rather briskly in the W. Small depression forming in the NE. later and a second approaching our SW. coast. Barometer falling all day.

WEDNESDAY DEC^R 3RD

Weather generally fine in the E and N., cloudy in the W., but thick fog prevailing in London, snow falling at Wick and rain at Biarritz. Slight snow E. and N. later, but weather generally bright.

Temperature rises several degrees on our W. coast, falls elsewhere. Readings ranging from 39° at Scilly to 15° at York and to −6° in NE France. Maxima again between 30° and 35° generally.

Wind light and variable in the E. and N., fresh or moderate from SE. to E. in the W. E^L winds spreading and rising later in day, and reaching a hard gale in the SW.

Sea rough at the mouth of the Humber and at Scilly.

Barometer falls everywhere. Readings high over the Gulf of Bothnia and N^R England, with a small but well marked depression over Holland and a large one over N Spain. Latter moving N^WD later and causing steep gradients over France and S^R England.

THURSDAY DEC^R 4TH

Weather fine at nearly all our stations, but dull over France, with thunder and sleet, and snow at Orient at Paris. Fine all day over the British Isles, but slight snow showers in evening.

Temperature rises a little E., falls in W. Readings ranging from 34° at Scilly and 33° in the Shetlands to 11° at Shields. Maxima again between 30° and 35° generally.

Wind very light from W. in the N., moderate from E. in the central districts and strong to a gale from that quarter in the S. and over the Channel. E^L gale all day in S.

Sea rough E. and S. high in the SW. and Bay of Biscay.

Barometer falling everywhere; areas of comparatively high pressure N England and E^N shores of North Sea; deep depression W France, and large shallow depression Norway. Former moving E^WD, later S^WD, during day.

FRIDAY DEC^R 5TH

Weather clear at a few of our SW. stations, cloudy or dull generally with snow at Dover and Wick and rain at Valentia. A good deal of snow fell during the day or following night.

Temperature rises briskly except in the SE of England and W. of France; readings ranging from 15° at York to 41° at Valentia. Temperature rising considerably during day. Maxima between 40° and 50° in the W., but still low in the E.

Wind varying considerably; NW^L to N^L at our S^N stations and over France, W^L in Scotland, and S^TH to E^L in Scandinavia. Strong in SW., and fresh in W. during day. Wind veering to W. in NW.

Sea high Straits of Dover, rough in the SE. and SW.

Barometer falling N. and E. rising SW. Readings highest Bay of Biscay, with depressions over Holland and the Shetlands. Pressure increasing generally later. N^N depression filling up, S^N passing away.

SATURDAY DEC^R 6TH

Weather fine and bright generally, but dull in the E. of France and on the E^N shores of the North Sea. A good deal of fog over England, but weather dry all day.

Temperature falls Scotland and Scandinavia, rises elsewhere; readings ranging from 47° at Scilly to 12° at York. Maxima during day varied from 51° at Valentia to 25° in N England, while the thermometer in the night fell to zero at Cambridge, York and Nottingham.

Wind very light and variable on our coasts all day.

Sea rather rough in the NE. and SW.

Barometer rises everywhere – quickly on our N^N and E^N coasts. Readings uniform generally, higher off our SW. coast and over the Gulf of Bothnia than elsewhere. Anticyclone forming over us later.

Meteorological Office,
116, *Victoria Street, Westminster, S.W.,*
ROBERT H. SCOTT, Secretary.

DAILY WEATHER REPORT 7TH DECR 1879.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	30·15	−7	SW	2	b	30·12	·00	−7	−7	+ 10	W	2	b	*	−6	−18	—
Hernösand ...	30·25	14	Z	0	c	30·34	+ ·23	2	2	− 17	W	2	b	*	21	?	0·16
Stockholm ...	30·21	21	ENE	4	o	30·36	+ ·28	18	18	− 4	ENE	2	o	*	25	16	—
Wisby	30·09	21	NNE	6	b	30·26	+ ·35	21	20	− 1	SSE	4	o	*	28	19	—
Christiansund ...	29·97	29	SE	3	b	30·17	+ ·39	27	25	+ 3	ESE	1	b	2	?	18	—
Skudesnaes ...	29·98	38	WSW	7	bc	30·12	+ ·23	30	29	− 4	NNE	2	b	2	?	34	—
Oxö (Xtiansund) ...	30·17	21	NNW	2	c	30·10		30	28		NNW	2	c	3	?	18	—
Skagen (The Skaw)	30·22	24	SE	4	o	? 30·25	+ ·24	27	25	+ 4	S	5	o	2	28	16	—
Fanö	30·30	17	Z	0	b	30·30	+ ·41	24	23	+ 1	S	4	c	*	28	12	—
Cuxhaven ...	30·12	30	NE	2	bc	30·40	+ ·64	22	22	− 8	SSW	1	f	*	?	?	—
Sumburgh Head	30·07	32	Z	0	b	30·19	+ ·25	39	37	+ 10	NNE	3	c	2	39	24	0·10
Stornoway ...	30·07	31	Z	0	b	30·26	+ ·36	34	33	+ 2	Z	0	b	0	35	25	—
Thurso																	
Wick	30·11	28	NW	1	b	30·26	+ ·35	30	29	− 2	NW	2	c	1	33	20	—
Nairn	No observations taken					30·30	+ ·40	31	30	+ 4	Z	0	b	1	33	27	—
Aberdeen ...	30·11	26	WSW	1	b	30·30	+ ·38	26	26	+ 1	W	1	b	1	31	22	—
Leith	30·16	30	W	3	b	30·34	+ ·40	35	33	+ 4	WNW	4	bc	*	37	27	—
Shields	30·20	28	W	1	m	30·35	+ ·38	25	25	− 3	W	1	b	2	33	18	—
Spurn Head ...	30·21	30	W	3	c	30·39	+ ·45	26	24	− 7	SW	4	bm	4	34	25	—
York	30·21	15	N	1	b	30·41	+ ·41	3	3	− 9	SE	1	o	*	25	0	—
Nottingham ...	30·29	15	Z	0	bc	30·49	+ ·48	5	5	− 16	SSW	1	o	*	25	0	—
Ardrossan ...	30·18	29	ENE	1	b	30·35	+ ·39	34	33	+ 8	E	1	cm	1	41	24	—
Mullaghmore ...	30·17	35	SSW	1	b	30·37	+ ·42	36	34	0	E	2	b	2	47	34	—
Donaghadee ...	30·22	31	NNW	2	c	30·40	+ ·44	31	31	− 5	W	2	bc	1	42	24	—
Kingstown ...	30·19	39	W	1	c	30·42	+ ·48	28	27	− 6	Z	0	bf	1	39	26	—
Holyhead ...	30·19	34	Z	0	b	30·39	+ ·46	39	37	+ 4	W	2	m	1	39	34	—
Liverpool (Bidston)	30·23	27	ESE	1	f	30·42	+ ·47	25	24	− 3	SSE	1	m	1	32	22	—
Valentia	30·19	38	NNW	1	b	30·39	+ ·38	34	32	− 5	NNE	1	b	1	51	32	—
Roche's Point ...	30·15	34	N	1	b	30·39	+ ·43	35	34	− 3	NNE	3	c	4	43	31	—
Pembroke ...	30·18	35	ENE	2	bc	30·42	+ ·50	31	30	− 8	NE	2	bcm	2	40	30	—
Scilly	30·14	44	E	4	c	30·39	+ ·47	43	39	− 4	SSE	6	o	4	48	? 39	0·01
Prawle Point ...	30·17	38	ENE	4	bc	30·44	+ ·34	39	34	+ 3	SE	3	bc	3	40	34	—
Hurst Castle ...	30·23	32	NNE	2	b	30·46	+ ·56	24	24	− 9	E	1	bm	1	37	23	—
Dover	30·16	30	NNW	3	b	30·43	+ ·58	22	21	− 9	SW	2	b	1	35	21	0·04
London	30·24	28	N	1	bf	30·50	+ ·60	15	—	− 14	Z	0	bf	*	34	13	—
Oxford	30·25	25	Z	0	bf	30·51	+ ·54	12	12	− 18	NNE	?	bf	*	38	12	—
Cambridge ...	30·25	15	N	1	b	30·45	+ ·51	0	0	− 18	S	1	b	*	31	0	—
Yarmouth ...	30·18	33	N	1	c	30·43	+ ·53	16	15	− 16	WNW	2	bm	4	34	15	—
The Helder ...	*	*	*	*	*	30·40	+ ·57	26	26	0	SW	1	bc	*	*	*	*
Cape Gris Nez	30·18	32	N	7	s	30·49	+ ·68	23	23	+ 1	SSE	1	bc	0	36	21	0·08
Jersey	30·22	34	E	2	b	30·52	+ ·64	31	28	− 11	SSE	1	b	1	42	31	—
Brest	30·02	42	Z	0	o	30·42	+ ·47	32	31	− 14	SE	5	b	3	46	28	0·16
Lorient	30·13	41	E	4	c	30·43	+ ·57	28	26	− 16	ESE	4	b	3	45	27	—
Rochefort ...	30·12	41	NW	1	bc	30·41	+ ·41	26	24	− 16	NE	4	b	2	52	23	—
Biarritz	30·17	24	S	4	b	30·26		37	36		E	5	o	3	46	28	0·20
Corunna	*	*	*	*	*	30·28	+ ·38	40	*	− 2	E	2	c	1	*	*	*
Brussels	*	*	*	*	*	30·50	+ ·70	8	?	− 9	Z	0	b	*	28	7	—
Charleville ...	?	5	NW	4	b	?	?	1	−1	− 21	NNE	1	b	*	28	−1	—
Paris	30·18	26	?	4	b	30·53	+ ·75	17	16	− 19	NE	3	b	*	*	*	—
Lyons	30·07	30	N	1	s	30·39	+ ·37	14	13	− 11	N	1	b	*	32	14	—
Toulon	29·93	39	W	5	b	29·98	− ·01	26	26	− 13	NW	7	b	4	46	25	—

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29·99	37	37	S	8	o	5	Valentia ...	30·11	49	45	SSW	1	b	1
Sumburgh Head	29·94	28	26	NW	1	b	2	Scilly	30·05	47	45	N	4	c	4
Stornoway ...	30·00	35	34	Z	0	b	0	Dover	30·05	34	33	NNE	3	cep	1
Aberdeen ...	30·04	28	27	W	1	b	1	London ...	30·12	33	?	N	2	bm	*
Shields	30·10	32	32	W	1	m	2	Yarmouth ...	30·06	34	33	NNW	1	bc	4
Ardrossan ...	30·08	33	30	SE	1	bf	0	Jersey	30·08	38	36	ENE	3	cm	3
Mullaghmore ...	30·09	45	43	SSW	1	b	1	Rochefort ...	29·99	34	?	W	2	bc	2
Holyhead	30·20	37	36	SE	1	b	1								

The barometer continues to rise everywhere — most in the S., but no other change of importance is noted, beyond a further decided rise of temperature in the N. of Ireland.

EXPLANATION OF COLUMNS.

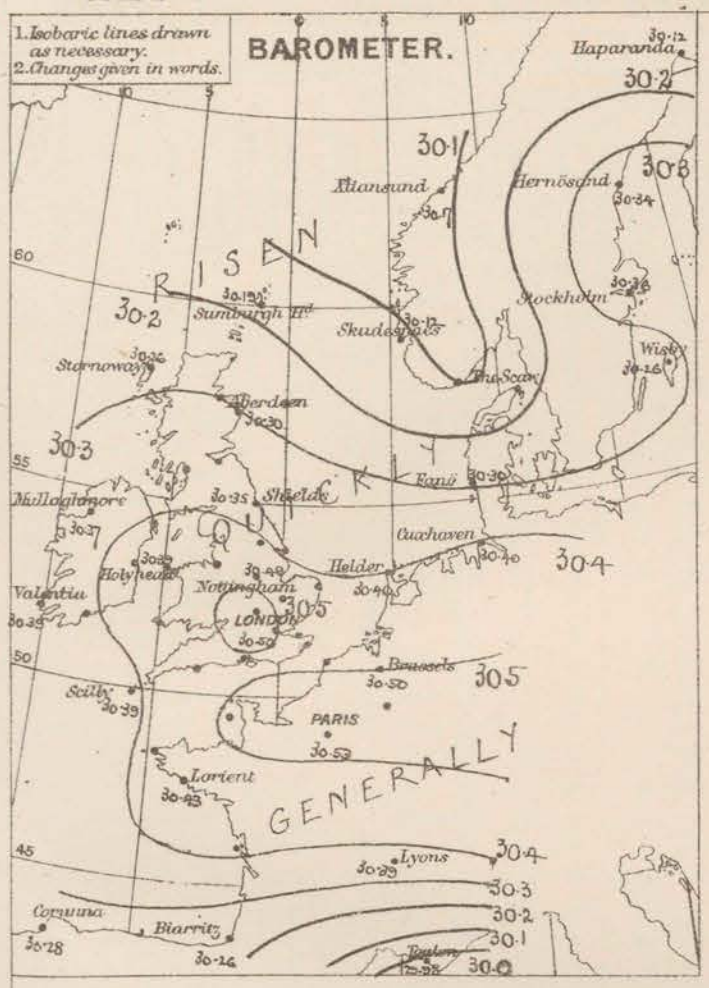
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

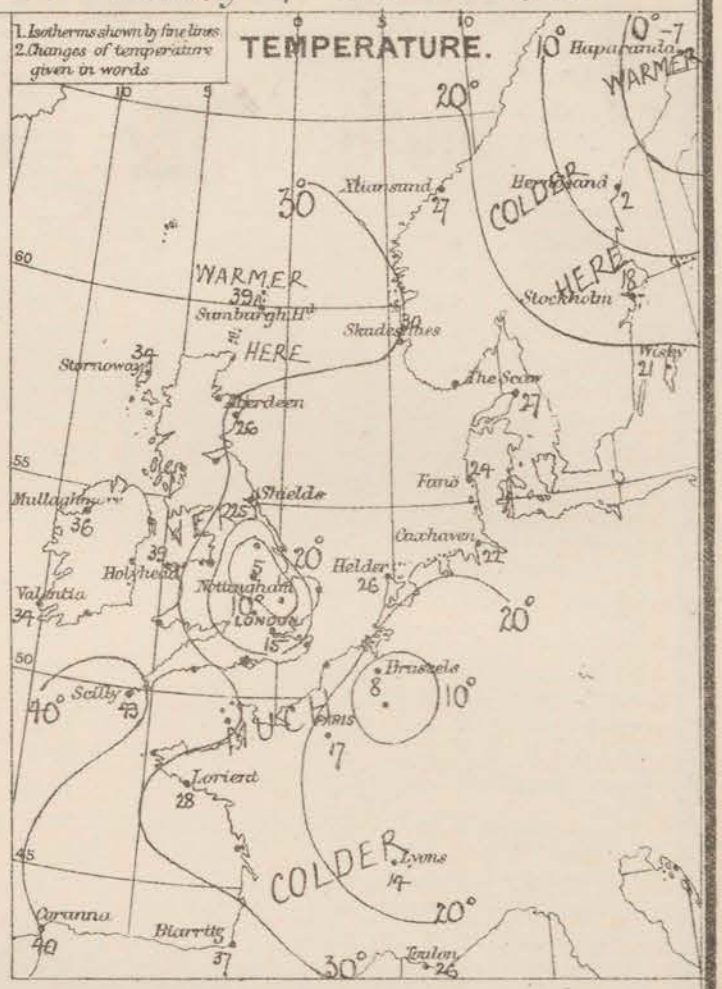
* AN ASTERISK is inserted in all places for which information is not usually received.

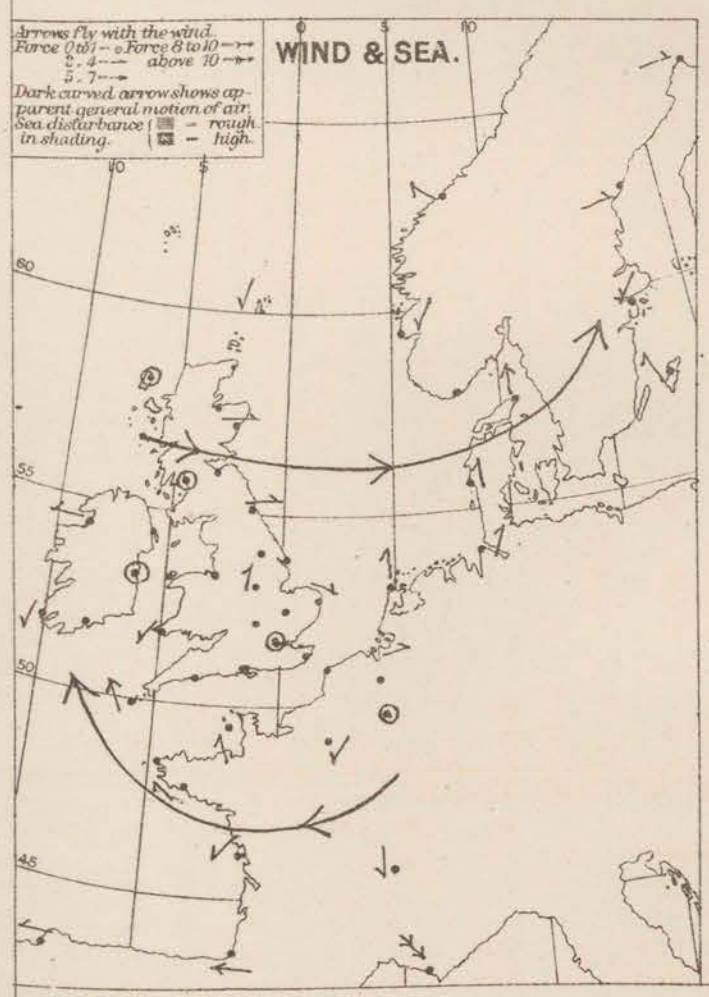
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

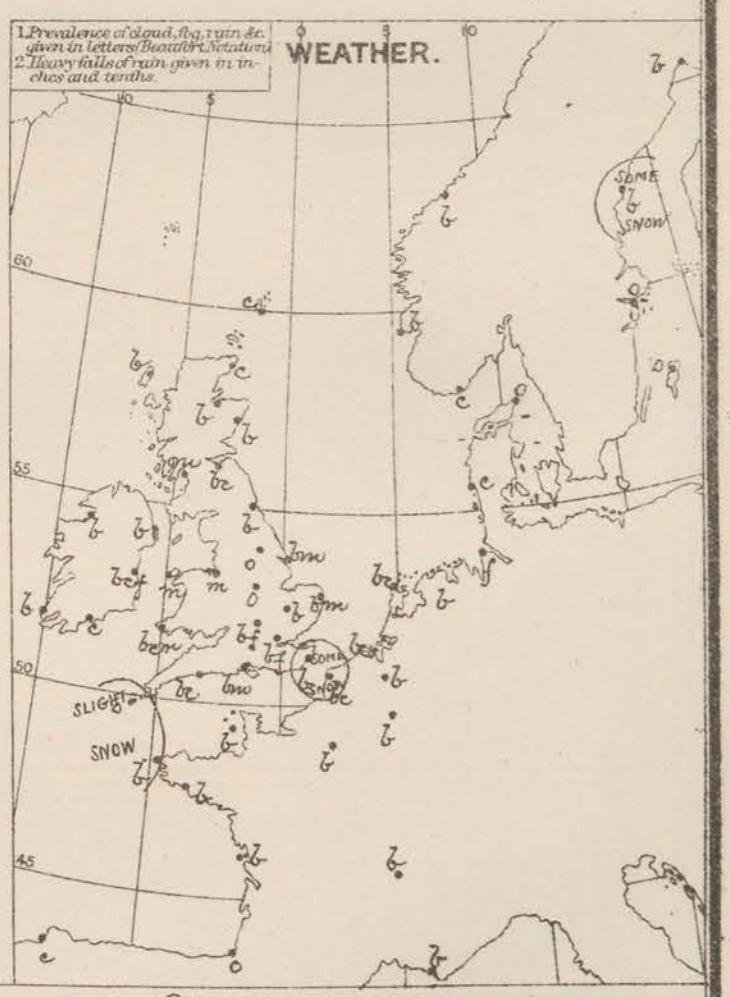
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS *for 8 a.m. on Sunday 7th Dec.r 1879.*









REMARKS. Weather this morning is fine over nearly the whole of Nn Europe. Slight snow has fallen in a few places, but elsewhere the weather has been dry. Temperature has fallen rapidly and intense frost prevails over the inland parts of England the thermometer stands at 13° at Oxford 12°, Nottingham 5°, and at York and Cambridge zero. In Scotland and Ireland it is from 30° to 39° higher. Wind is light and variable over England, but is fresh from SSE at the mouth of the Channel. Over France it is moderate from E to SE, while over the Gulf of Lyons a moderate NW gale is blowing. Sea is smooth generally.

Barometrical Indications. In the course of the past 24 hours the barometer has risen very quickly all over Nn Europe, but especially over the British Isles and the Nn parts of France. Over the Gulf of Lyons there appears to be a somewhat deep depression, causing rough weather over the Nn parts of the Mediterranean.

Subscription for these charts payable in advance to cover delivery: Delivery by hand 10/- per quarter; " book post 5/- " "

Meteorological Office. 116, Victoria Street, Westminster, S.W.

R. H. SCOTT. Secretary.

Dangerfield Lith 22 Bedford St Covent Garden

DAILY WEATHER REPORT 8th DECR. 1879.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	30·02	4	W	2	o	30·17	+ ·05	25	25	+ ·32	SW	2	o	*	25	−11	—
Hernösand ...	30·40	−2	Z	o	c	30·27	− ·07	12	12	+ 10	WSW	2	c	*	14	−9	—
Stockholm ...	30·50	17	W	2	b	30·47	+ ·11	18	18	o	WNW	2	o	*	24	14	—
Wisby	30·40	22	S	4	s	30·44	+ ·18	29	26	+ 8	WNW	6	c	*	?	16	0·08
Christiansund...	30·30	28	S	1	m	30·22	+ ·05	39	33	+ 12	SSW	6	o	3	?	16	—
Skudesnaes ...	30·42	33	E	4	o	30·54	+ ·42	31	28	+ 1	ESE	4	c	2	34	30	—
Oxö (Xtiansund) ...	30·41	29	NE	6	o	30·53	+ ·43	29	28	− 1	NNW	2	o	2	30	27	—
Skagen (The Skaw)	30·47	28	SSE	3	b	30·55	+ ·30?	30	28	+ 3	SSW	3	o	o	30	21	—
Fanö	?	33	S	2	c	30·55	+ ·25	15	14	− 9	S	2	o	*	34	14	0·16
Cuxhaven ...	30·53	33	SSW	1	c	30·55	+ ·15	21	21	− 1	SSW	1	b	*	23	19	—
Sumburgh Head	30·30	39	Z	*	*	30·33	+ ·14	41	38	+ 2	SW	2	o	2	41	34	0·03
Stornoway ...	30·33	37	SSW	2	be	30·32	+ ·06	38	37	+ 4	SW	4	be	4	38	32	0·02
Thurso																	
Wick	30·37	32	NW	2	be	30·38	+ ·12	37	36	+ 7	S	1	c	1	37	28	—
Nairn	30·39	29	Z	o	b.	30·43	+ ·13	34	32	+ 3	Z	o	b	1	35	27	—
Aberdeen ...	30·38	29	W	1	b	30·47	+ ·17	20	19	− 6	WSW	1	b	1	33	20	—
Leith	30·41	34	W	2	b	30·50	+ ·16	31	31	− 4	WNW	1	om	*	38	23	—
Shields	30·40	20	W	3	b	30·50	+ ·15	35	35	+ 10	Z	o	od	2	35	25	—
Spurn Head ...	30·39	29	W	5	o	30·44	+ ·05	37	35	+ 11	W	4	c	4	39	25	—
York	30·41	16	NE	1	o	30·49	+ ·08	34	33	+ 31	NNW	1	c	*	34	0	—
Nottingham ...	30·49	16	Z	o	b	30·56	+ ·07	36	34	+ 31	W	2	o	*	36	5	—
Ardrossan ...	30·42	38	Z	o	o	30·50	+ ·15	34	33	o	ESE	1	cm	1	43	31	—
Mullaghmore ...	30·44	36	Z	o	b	30·59	+ ·2	34	33	− 2	ENE	2	b	1	41	32	—
Donaghadee ...	30·47	32	W	2	be	30·52	+ ·12	26	26	− 5	W	2	m	4	38	24	—
Kingstown ...	30·50	35	Z	o	c	30·55	+ ·13	29	28	+ 1	W	1	bf	1	36	26	—
Holyhead ...	30·47	29	SSW	2	b	30·50	+ ·11	34	33	− 5	NNW	1	f	1	41	34	—
Liverpool (Bidston)	30·49	35	WSW	2	o	30·52	+ ·10	37	35	+ 12	Z	o	o	4	38	25	—
Valentia	30·47	36	Z	o	b	30·53	+ ·04	35	34	+ 1	NNE	1	b	1	48	32	—
Roche's Point...	30·45	39	N	2	be	30·52	+ ·13	31	31	− 4	NNE	3	f	3	42	30	—
Pembroke ...	30·51	40	SSE	1	c	30·55	+ ·13	36	36	+ 5	NE	1	om	2	43	30	—
Scilly	30·47	44	S	5	o	30·54	+ ·15	44	42	+ 1	WSW	4	c	2	45	42	—
Prawle Point ...	30·53	38	WSW	2	be	30·53	+ ·09	39	37	o	NW	2	o	3	42	37	—
Hurst Castle ...	30·53	34	WNW	2	o	30·57	+ ·05	34	33	+ 10	NNW	1	o	2	35	23	—
Dover	30·50	34	W	3	be	30·40	− ·03	34	33	+ 12	N	3	bm	0	36	22	—
London	30·51	29	Z	o	of	30·46	− ·04	34	?	+ 19	N	2	gf	*	35	15	—
Oxford	30·53	30	S	1	o	30·50	− ·01	35	34	+ 23	NNW	1	o	*	35	12	—
Cambridge ...	30·45	25	S	1	c	30·45	·00	33	30	+ 33	N	1	o	*	34	0	0·09
Yarmouth ...	30·42	25	W	3	b	30·38	− ·05	36	35	+ 20	NNW	3	c	3	36	15	0·07
The Helder ...	*	*	*	*	*	30·30	− ·10	28	28	+ 2	SSE	3	o	*	*	*	*
Cape Gris Nez	30·51	27	S	5	c	30·39	− ·10	35	34	+ 12	NNW	7	c	5	?	23	0·12
Jersey	30·41	32	SW	1	b	30·57	+ ·05	40	36	+ 9	W	3	o	3	40	31	—
Brest	30·55	34	SSE	4	b	30·62	+ ·20	33	33	+ 1	S	1	b	2	39	32	—
Lorient	30·56	29	E	4	b	30·59	+ ·16	25	24	− 3	SE	4	m	3	34	23	—
Rochefort ...	30·50	29	NE	4	b	30·60	+ ·19	20	19	− 6	E	4	b	2	43	16	—
Biarritz	30·45	35	E	4	b	30·57	+ ·31	23	21	− 14	SE	4	b	2	46	19	—
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	30·42	− ·08	22	?	+ 14	S	4	s	*	23	18	0·24
Charleville ...	?	4	NNE	3	b	?	?	9	8	+ 8	SSE	5	o	*	25	−3	—
Paris	30·60	18	?	3	b	30·49	− ·04	22	21	+ 5	NNE	3	s	*	*	*	—
‡ Lyons	30·49	15	NNW	3	b	30·68	+ ·24	10	10	− 4	NNE	1	b	*	20	10	—
Toulon																	

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30·28	33	31	ENE.	4	b	3
Sumburgh Head							
Stornoway ...							
Aberdeen ...							
Shields							
Ardrossan ...							
Mullaghmore ...							
Holyhead... ...							

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valentia ...							
Scilly							*
Dover							
London ..							
Yarmouth ...							
Jersey... ...							
Rochefort ...	30·47	43	41	NE	5	b	2

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

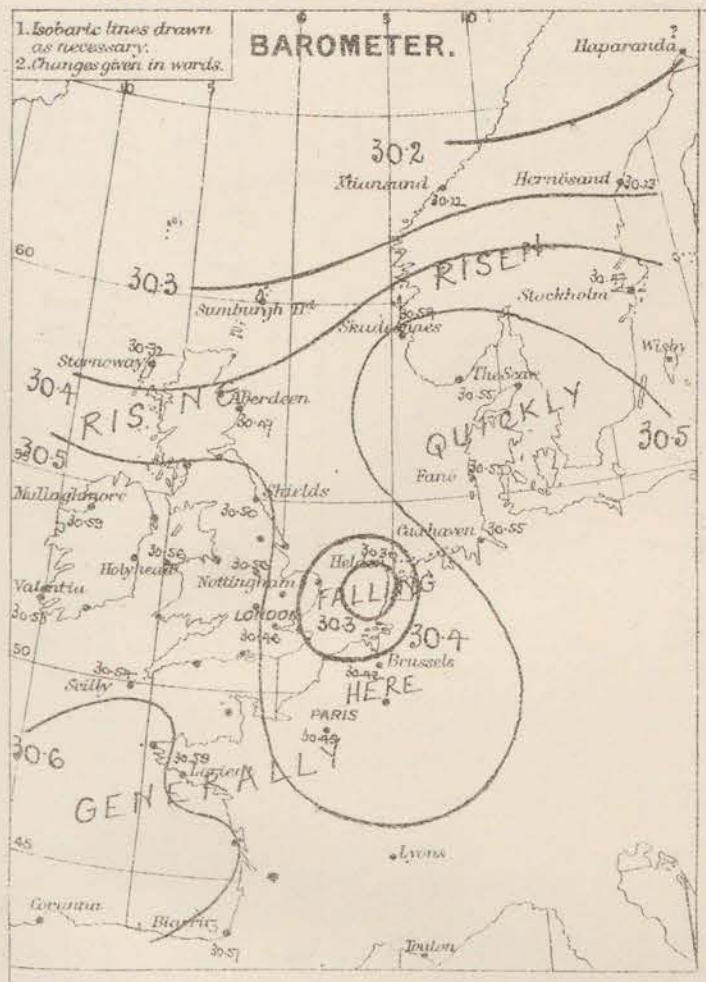
* AN ASTERISK is inserted in all places for which information is not usually received.

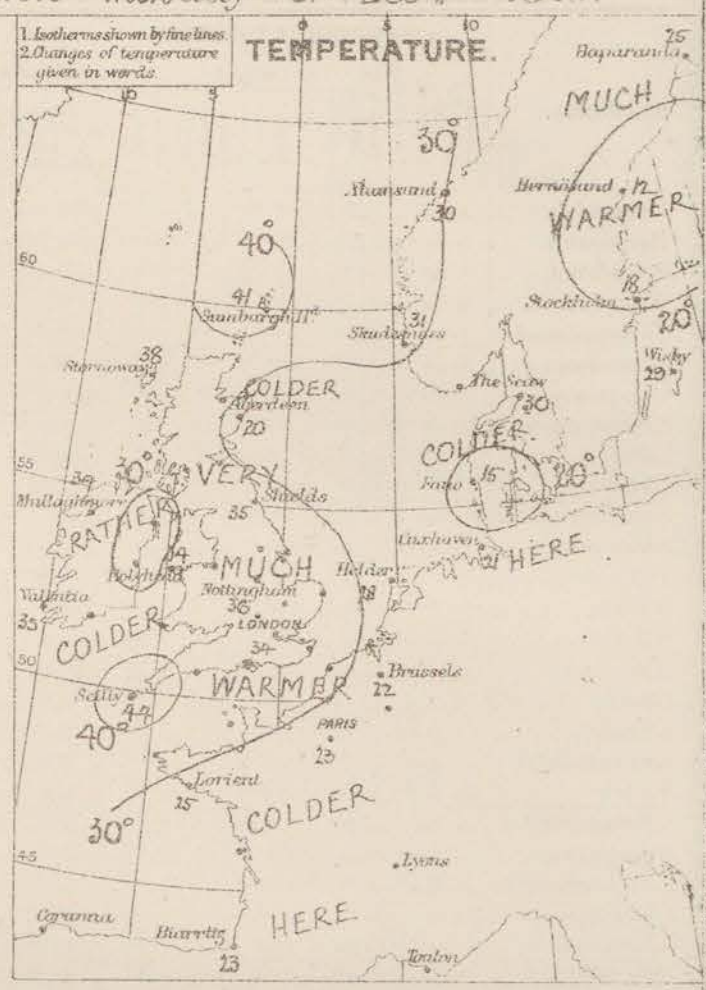
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

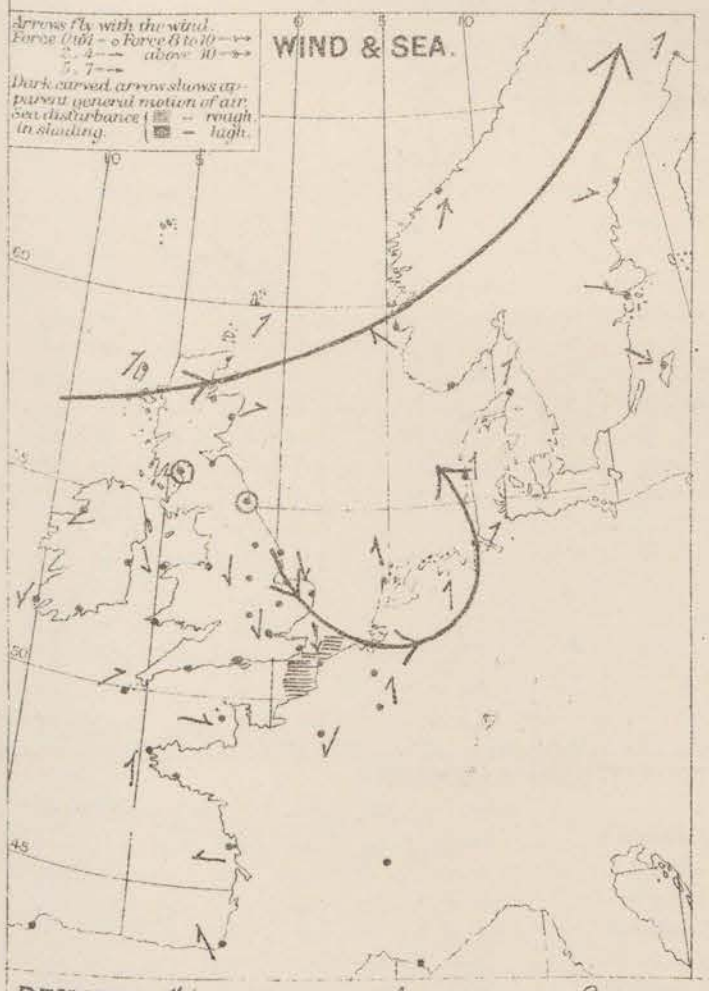
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

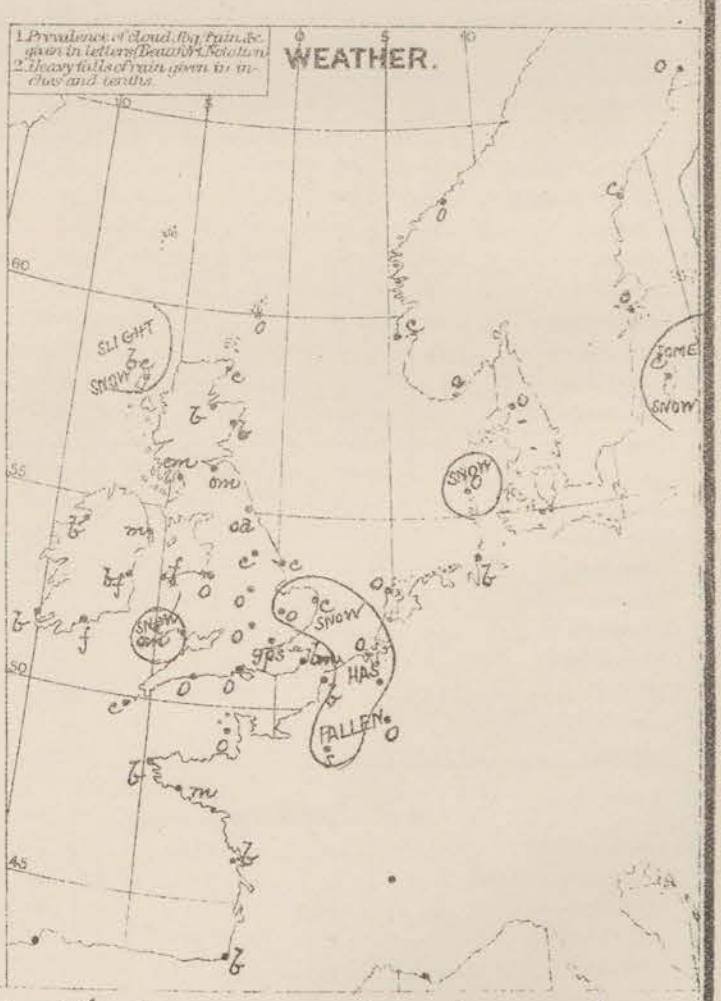
‡ Received too late for insertion in Charts.

WEATHER CHARTS *for 8 a.m. on Monday 8th Dec. 1879.*









REMARKS. Weather is fine over the greater part of Scotland and Ireland, but cloudy or dull elsewhere, with mist in a few places. A little snow fell yesterday over the E. counties, and at one or two other stations locally. Temperature has fallen a little at some of the Irish and Scotch stations, but over England an exceedingly rapid rise has occurred, the change at York and Nottingham since yesterday morning, being as much as 31°, while at Cambridge it amounts to no less than 35°. Over France temperature has fallen quickly, and is very low in the S. the thermometer readings ranging from 35° at Cape Gris Nez to 10° at Lyons. The minima reported to-day are in most cases the readings registered at 8 am yesterday. Wind is very light generally; at our N. stations it is mostly from the W., but in the S. N. breezes are general, while on the E. shores of the North Sea the wind is S. Sea is moderate to calm.

Barometrical Indications. Pressure has decreased somewhat at our SE. stations, as well as in the N. of Scotland and W. of Norway. A small depression has been formed off the mouth of the Thames, while a large area of low pressure lies to the N. of Scotland.

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Meteorological Office. 116, Victoria Street, Westminster. S.W.

R. H. SCOTT. Secretary.

DAILY WEATHER REPORT 9TH DECR. 1879.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29·61	31	SW	4	b	29·34	− ·82	33	33	+ 8	SW	6	o	*	34	25	—
Hernösand ...	30·12	27	SSW	2	bc	29·75	− ·52	25	25	+ 13	Z	o	b	*	27	?	—
Stockholm ...	30·35	27	WSW	4	o	30·07	− ·40	28	27	+ 10	WSW	4	b	*	?	9	—
Wisby	29·99	27	NW	8	o	30·15	− ·29	33	31	+ 4	W	8	o	*	?	18	—
Christiansund...	29·97	41	SW	9	bc	29·88	− ·34	34	32	− 5	NW	7	s	6	41	25	—
Skudesnaes ...	30·45	35	SSE	6	o	30·13	− ·41	42	42	+ 11	SW	7	o	4	?	30	—
Oxö (Xtiansund) ...	30·49	30	WSW	4	b	30·21	− ·32	37	36	+ 8	SW	6	o	3	?	25	—
Skagen (The Skaw)	30·50	24	WSW	5	o	30·29	− ·26	37	35	+ 7	W	6	o	4	37	19	—
Fanö	30·63	31	S	3	o	30·49	− ·06	33	32	+ 18	WSW	4	o	*	?	12	—
Cuxhaven ...	30·73	26	SSW	1	bc	30·68	+ ·13	14	14	− 7	SSW	1	b	*	?	10	—
Sumburgh Head	30·21	44	SW	4	c	30·11	− ·22	38	36	− 3	NNE	5	o	5	45	36	0·29
Stornoway ...	30·26	43	SW	4	o	30·25	− ·07	38	37	0	N	1	c	0	46	34	0·25
Thurso																	
Wick	30·30	39	S	2	b	30·18	− ·20	37	36	0	W	1	o	0	40	35	0·10
Nairn	30·37	39	Z	0	bc	30·18	− ·25	41	40	+ 7	W	1	o	1	41	31	
Aberdeen ...	30·41	30	WSW	1	b	30·23	− ·24	37	35	+ 17	SSW	2	c	1	37	20	—
Leith	30·50	29	Z	0	b	30·33	− ·17	39	36	+ 8	W	4	om	*	39	23	—
Shields	30·55	36	NW	1	bm	30·45	− ·05	31	30	− 4	WSW	2	om	2	37	26	—
Spurn Head ...	30·53	38	N	3	c	30·52	+ ·08	31	29	− 6	SSW	4	cm	4	39	30	—
York	30·51	33	N	1	b	30·51	+ ·02	27	27	− 7	S	1	c	*	37	25	—
Nottingham ...	30·58	34	N	2	c	30·60	+ ·04	21	20	− 15	Z	o	b	*	38	19	—
Ardrossan ...	30·49	41	S	4	b	30·38	− ·12	43	42	+ 9	SSW	5	o	4	43	33	0·03
Mullaghmore ...	30·48	35	NE	1	b	30·43	− ·16	41	39	+ 7	SSW	3	cg	2	42	32	—
Donaghadee ...	30·54	32	W	1	m	30·45	− ·07	33	32	+ 7	W	2	bcm	1	38	26	—
Kingstown ...	30·55	34	W	1	bc	30·50	− ·05	33	32	+ 4	WNW	1	of	1	37	26	—
Holyhead ...	30·54	38	SW	1	b	30·48	− ·02	41	39	+ 7	SW	2	bc	1	? 42	34	—
Liverpool (Bidston)	30·56	35	E	1	m	30·51	− ·01	33	32	− 4	SE	1	o	1	39	29	—
Valentia	30·52	42	S	1	bc	30·49	− ·04	47	43	+ 12	WSW	3	o	2	49	34	0·04
Roche's Point...	30·54	34	N	2	f	30·52	·00	38	38	+ 7	N	2	f	3	39	31	—
Pembroke ...	30·56	38	NE	1	bc	30·54	− ·01	42	42	+ 6	SSE	3	o	3	43	33	0·02
Scilly	30·56	48	WNW	4	o	30·54	·00	47	45	+ 3	SSE	5	o	4	48	43	0·04
Prawle Point ...	30·55	38	NNE	3	b	30·57	+ ·04	38	38	− 1	ESE	2	b	2	42	33	0·02
Hurst Castle ...	30·55	34	N	1	bm	30·61	+ ·10	26	26	− 8	NNE	1	bc	1	39	26	—
Dover	30·51	36	N	3	bcm	30·66	+ ·26	29	28	− 5	SW	3	b	2	36	27	—
London	30·53	36	NW	2	o	30·61	+ ·15	32	?	− 2	S	1	o	*	38	25	—
Oxford	30·59	30	Z	0	f	30·62	+ ·12	21	21	− 14	Z	0	f	*	39	20	—
Cambridge ...	30·55	34	N	1	o	30·65	+ ·20	29	29	− 4	S	1	o	*	36	28	—
Yarmouth ...	30·52	35	SE	5	o	30·70	+ ·32	28	27	− 8	SW	2	bc	3	37	25	—
The Helder ...	*	*	*	*	*	30·62	+ ·32	12	11	− 16	S	1	bc	*	*	*	*
Cape Gris Nez	30·47	29	SE	5	b	30·65	+ ·26	18	18	− 17	S	4	b	2	39	16	—
Jersey	30·57	40	NNE	2	cm	30·64	+ ·07	30	29	− 10	SSE	3	om	3	43	30	0·02
Brest	30·60	43	WNW	1	bc	30·58	− ·04	37	36	+ 4	SSE	4	b	3	46	30	0·04
Lorient	30·57	40	NNW	4	o	30·58	− ·01	29	28	+ 4	SE	5	f	3	?	28	0·04
Rochefort ...	30·56	32	W	3	b	30·59	− ·01	27	26	+ 7	E	5	o	2	52	15	—
Biarritz	30·57	28	SE	4	b	30·53	− ·04	21	20	− 2	SE	1	b	2	45	19	—
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	30·72	+ ·30	21	?	− 1	Z	o	b	*	39	2	—
Charleville ...	?	11	SE	1	b	?	?	− 6	?	− 15	SSE	1	b	*	21	− 10	—
Paris	30·54	21	?	4	o	30·71	+ ·22	7	5	− 15	ENE	4	f	*	*	*	—
Lyons														*			
Toulon	30·31	33	Z	0	b	30·26	− ·04	30	30	0	NE	4	c	2	?	27	—

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30·51	33	30	SSE	4	o	3
Sumburgh Head	30·28	42	41	SW	3	c	3
Stornoway ...	30·28	42	41	SW	5	c	4
Aberdeen ...	30·45	32	31	WSW	1	c	1
Shields	30·54	35	34	NW	1	om	2
Ardrossan ...	30·50	39	37	S	2	b	1
Muliaghmore ...	30·51	38	37	NE	3	bm	2
Holyhead... ...	30·54	41	40	SW	1	b	0

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valentia ...	30·52	47	44	SE	1	b	2
Scilly	30·56	48	45	W	4	bc	3
Dover	30·41	35	34	N	3	cm	1
London ...	30·49	38	35	NW	2	bm	2
Yarmouth ...	30·47	36	34	NE	4	c	4
Jersey... ...	30·54	40	39	N	3	agi	3
Rochefort ...	30·60	34	32	E	4	b	2

The depression noticed this morning is moving away and the barometer is rising in the SE, but elsewhere pressure is decreasing. SW breezes are reported from Scotland, the weather is generally milder and the sky is clear except in the extreme N. and E.

EXPLANATION OF COLUMNS.

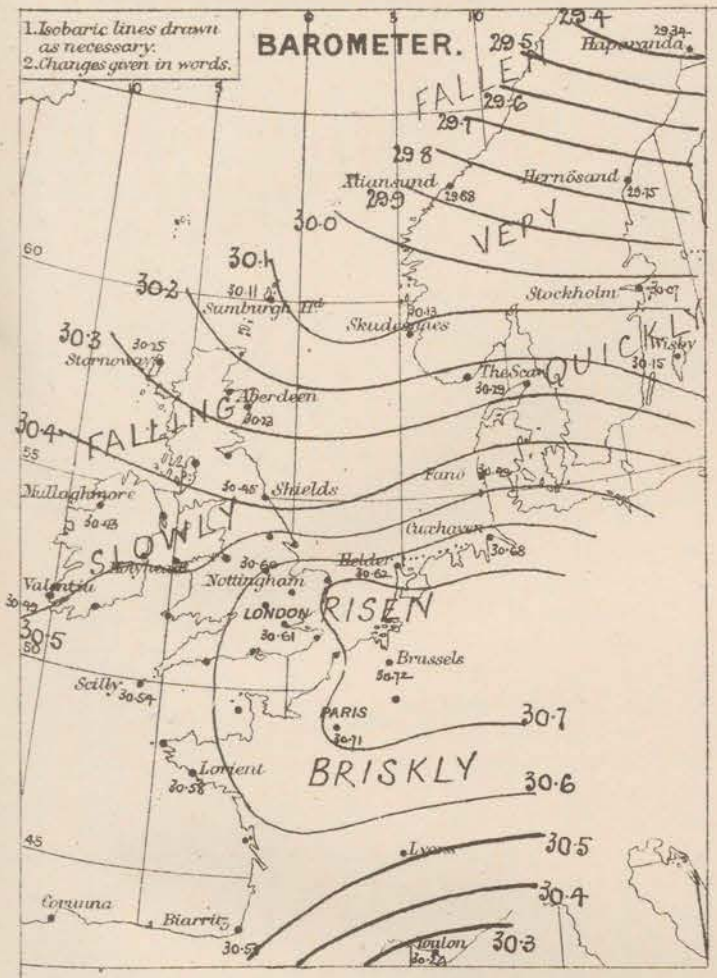
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

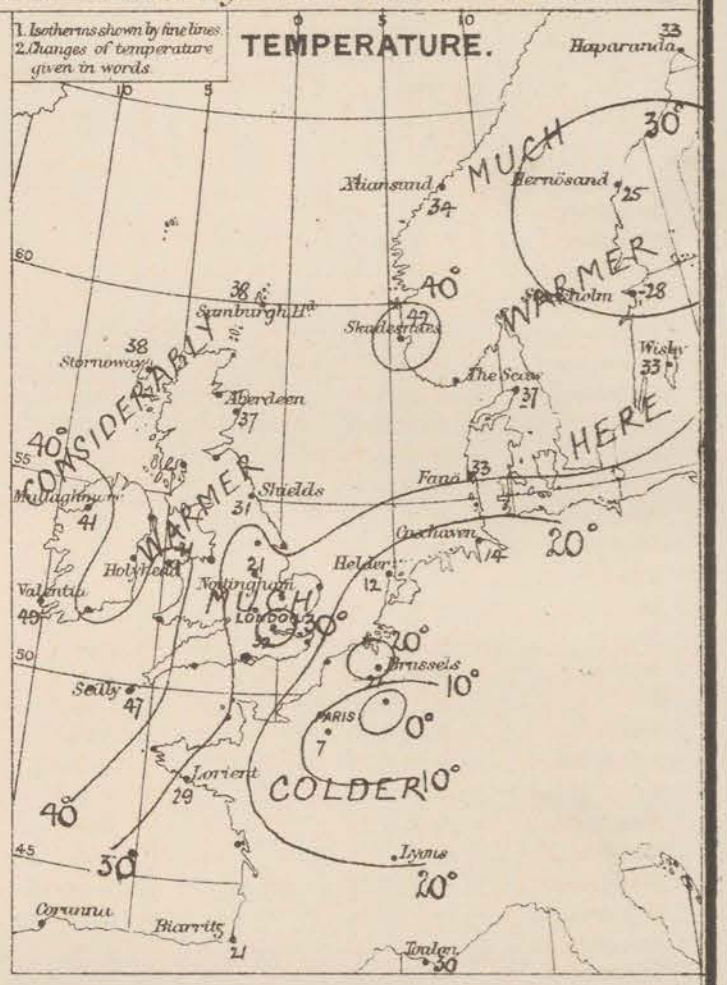
* AN ASTERISK is inserted in all places for which information is not usually received.

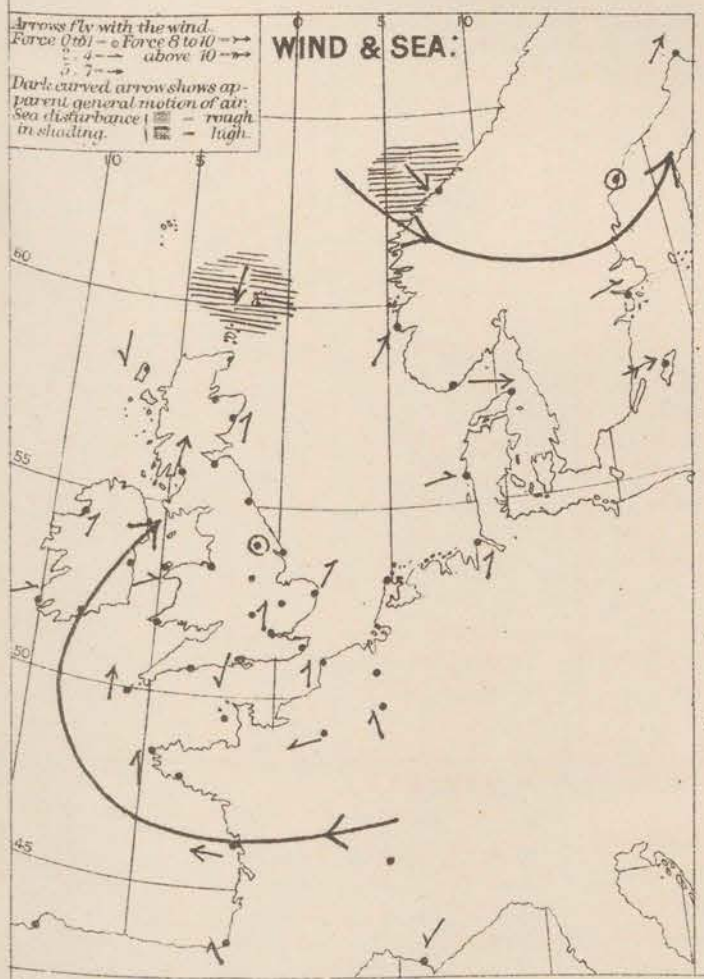
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

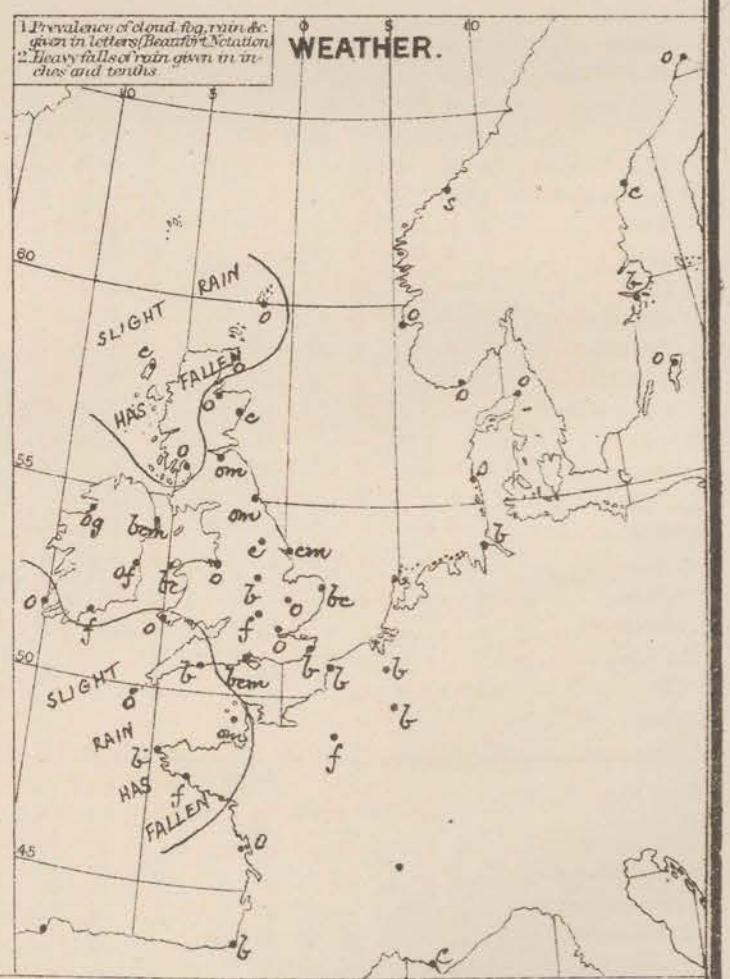
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction

WEATHER CHARTS *for 8 a.m. on Tuesday 9th Dec.r 1879.*









REMARKS. Weather is fine though rather foggy over N. Germany, the Netherlands, the N. of France and S.E. and Central England, but is cloudy or dull elsewhere with snow at Sumburgh. Slight rain has fallen in the W. of France, and on our S.W. and N. coasts. Faint aurora was seen at Aberdeen last evening. Temperature has fallen over central and S.E. England, the N. of France and the Netherlands, and sharp frost prevails at many stations, the reading being 21° at Nottingham, Oxford and Brussels, 7° at Paris and –6° at Charleville. Elsewhere the thermometer has risen and readings range from 33° to 43° on our W. and N. coasts. Last night sharp frost again prevailed at many of our stations. Wind is E. to S.E. over France, and S. to S.W. on most of our coasts, and W. over Scandinavia. At our stations it is generally moderate or light in force but over Sweden and Norway it blows strongly. Sea is rough in the far N., moderate to calm elsewhere. Barometrical indications. Pressure has increased briskly in the S.E., and readings that now exceed 30.7 in. On our W. coasts pressure is very uniform, but a large depression is shown over Lapland, and moderate gradients and a fresh breeze all over the more N. parts of our area.

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Meteorological Office.
116, Victoria Street, Westminster: S.W.

R. H. SCOTT.
Secretary.

DANCERFIELD LITH 22 BEDFORD ST COVENT GARDEN.

DAILY WEATHER REPORT 10th DECr 1879.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...														*			
Hernösand ...														*			
Stockholm ...														*			
Wisby														*			
Christiansund...	29.95	32	NNW	7	s	30.09	+ .21	34	32	0	WSW	6	oh	5	36	23	0.43
Skudesnaes ...	30.14	32	NNW	4	be	30.28	+ .15	27	26	− 15	NNW	1	o	2	43	?	—
Oxö (Xtiansund) ...	29.98	36	NNW	6	b	30.22	+ .01	30	28	− 7	NW	4	b	2	39	27	—
Skagen (The Skaw)	29.92	36	NNW	6	r	30.17	− .12	33	30	− 4	NNE	5	b	3	37	28	0.014
Fanö	30.16	36	WSW	6	r	30.23	− .26	24	24	− 9	NW	2	b	*	36	23	—
Cuxhaven ...	30.34	10	SSW	2	o	30.25	− .43	27	27	+ 13	WSW	1	c	*	27	?	—
Sumburgh Head	30.32	34	N	3	b	30.37	+ .26	39	36	+ 1	SW	4	c	3	40	32	0.03
Stornoway ...	30.40	37	N	3	o	30.47	+ .22	34	33	− 4	N	1	b	1	40	29	—
Thurso																	
Wick	30.41	32	NNE	1	o	30.41	+ .23	30	28	− 7	NW	2	o	1	?	21	0.02
Nairn	30.42	35	W	1	o	30.50	+ .32	29	27	− 12	Z	0	b	1	41	29	0.10
Aberdeen ...	30.36	35	NNW	3	o	30.49	+ .26	27	26	− 10	WSW	1	b	1	42	26	0.08
Leith	30.37	39	WSW	1	r	30.52	+ .19	34	30	− 8	WSW	3	om	*	42	30	0.03
Shields	30.36	38	NNW	2	o	30.49	+ .04	36	35	+ 5	NW	2	be	2	41	30	0.10
Spurn Head ...	30.39	32	S	4	c	30.43	− .09	38	36	+ 7	N	3	c	4	39	30	0.05
York	30.40	32	S	1	b	30.49	− .02	33	30	+ 6	NW	1	be	*	35	26	0.07
Nottingham ...	30.49	31	S	2	c	30.49	− .11	35	35	+ 14	N	1	r	*	36	21	0.08
Ardrossan ...	30.37	41	NNE	1	b	30.52	+ .14	32	31	− 11	ENE	1	om	1	45	31	0.01
Mullaghmore ...	30.40	43	WSW	4	r	30.47	+ .04	40	39	− 1	WNW	1	c	2	47	38	0.07
Donaghadee ...	30.43	38	E	3	o	30.51	+ .06	40	39	+ 7	N	1	o	1	40	32	0.02
Kingstown ...	30.46	43	WNW	2	b	30.50	.00	39	38	+ 6	WNW	2	m	2	45	31	0.05
Holyhead ...	30.43	45	W	2	b	30.46	− .02	42	41	+ 1	WSW	1	f	?	46	40	0.02
Liverpool (Bidston)	30.43	39	SW	2	b	30.49	− .02	36	35	+ 3	ENE	?	m	1	41	33	0.03
Valentia	30.47	40	SE	2	b	30.43	− .06	40	38	− 7	ESE	3	be	3	49	36	—
Roche's Point...	30.50	39	N	2	f	30.48	− .04	36	35	− 2	N	2	c	3	42	32	—
Pembroke ...	30.50	43	SSE	1	o	30.48	− .06	43	42	+ 1	WNW	1	b	3	46	41	0.30
Scilly	30.52	43	SSE	5	c	30.51	− .03	42	40	− 5	SSE	4	be	2	47	40	—
Prawle Point ...	30.54	40	SW	2	o	30.50	− .07	38	36	0	NW	2	o	3	42	37	—
Hurst Castle ...	30.56	35	W	3	m	30.47	− .14	36	36	+ 10	WNW	2	om	2	39	26	0.04
Dover	30.59	33	SW	4	b	30.41	− .25	36	35	+ 7	NNW	2	om	2	37	28	—
London	30.53	29	W	2	o	30.45	− .16	34	?	+ 2	WSW	1	om	*	36	27	—
Oxford	30.34	31	Z	0	o	30.46	− .16	35	?	+ 14	W	1	of	*	35	20	0.03
Cambridge ...	30.50	29	S	1	o	30.43	− .22	34	34	+ 5	W	1	o	*	36	26	—
Yarmouth ...	30.48	30	WSW	3	c	30.42	− .28	36	35	+ 8	NNE	3	og	3	36	27	0.03
The Helder ...	*	*	*	*	*	30.33	− .29	36	35	+ 24	N	3	c	*	*	*	*
Cape Gris Nez	30.60	25	S	5	b	30.43	− .22	38	37	+ 20	WNW	3	o	2	?	18	—
Jersey	30.64	29	S	2	b	30.58	− .06	31	28	+ 1	SW	2	og	2	31	28	—
Brest	30.55	31	SE	5	be	30.57	− .01	28	25	− 9	E	4	b	2	39	27	—
Lorient	30.58	24	SE	4	m	30.54	− .04	22	20	− 7	SE	5	m	3	28	21	—
Rochefort ...	30.58	25	E	5	be	30.50	− .09	19	17	− 8	ENE	7	be	2	46	16	—
Biarritz	30.48	32	E	5	b	30.41	− .12	21	20	0	ESE	4	f	2	46	19	—
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	30.40	− .29	22	20	+ 1	SW	5	s	*	?	12	—
Charleville ...	?	−5	SSE	1	b	?	?	−5	?	+ 1	SSE	1	m	*	16	−15	?
Paris	30.68	10	?	3	o	30.57	− .14	4	4	− 3	ENE	3	f	*	*	*	—
Lyons														*			
Toulon	30.25	30	W	4	be	30.26	.00	34	30	+ 4	N	1	b	2	36	28	—

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30.06	36	33	NW	6	o	5	Valentia ...	30.48	49	45	ENE	3	o	3
Sumburgh Head	30.28	34	33	N	3	c	3	Scilly	30.55	46	45	S	5	o	4
Stornoway ...	30.32	40	38	N	2	c	2	Dover	30.59	33	32	SW	4	be	3
Aberdeen ...	30.27	36	35	NW	1	b	1	London ...	30.58	34	33	W	1	bm	4
Shields	30.35	40	35	W	2	be	2	Yarmouth ...	30.35	31	30	SW	2	be	2
Ardrossan ...	30.34	45	44	WSW	5	o	4	Jersey... ...	30.65	29	27	S	2	om	2
Mullaghmore ...	30.41	44	42	SW	4	ogr	3	Rochefort ...	30.56	28	27	E	5	be	2
Holyhead... ...	30.45	45	43	W	2	o	1								

Pressure is increasing in N. Scotland, decreasing elsewhere — briskly in the SE., though the highest readings are still reported from that district. Wind is N^E in Scotland, S^E to SW^S elsewhere, with dull weather except in the E and SE. Temperature is very low over the Channel the thermometer at Jersey marking 29° only.

EXPLANATION OF COLUMNS.

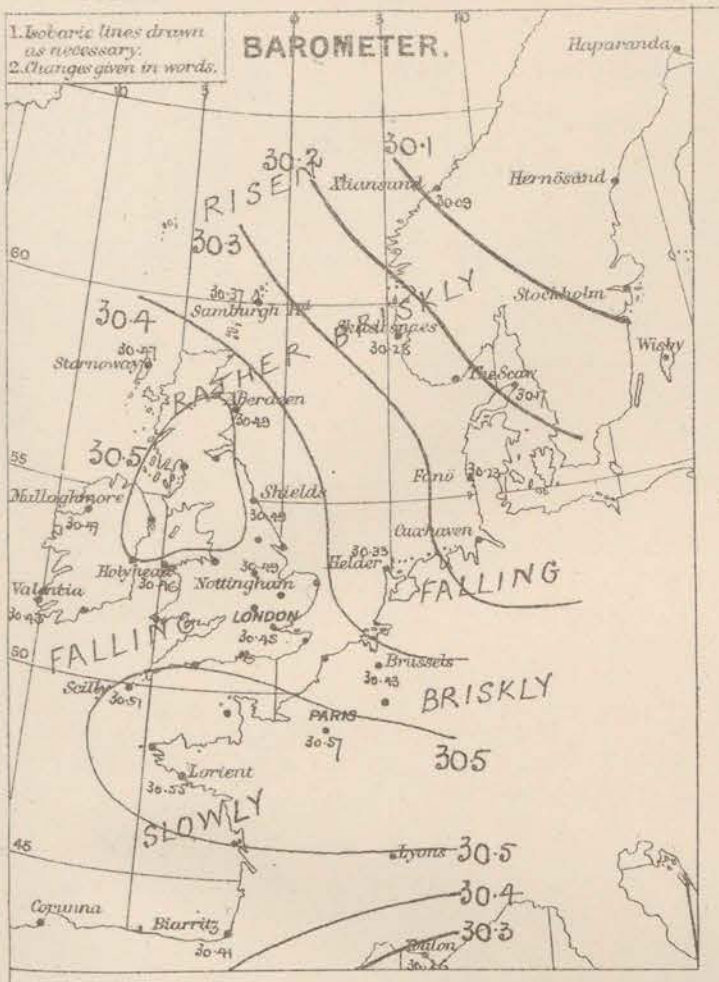
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

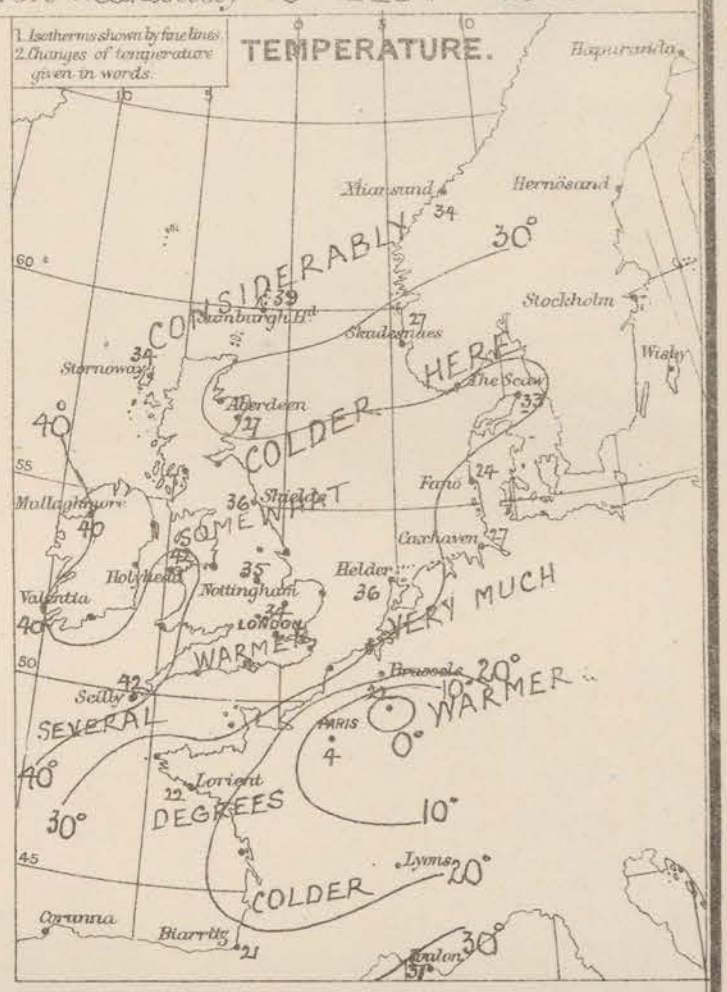
* AN ASTERISK is inserted in all places for which information is not usually received.

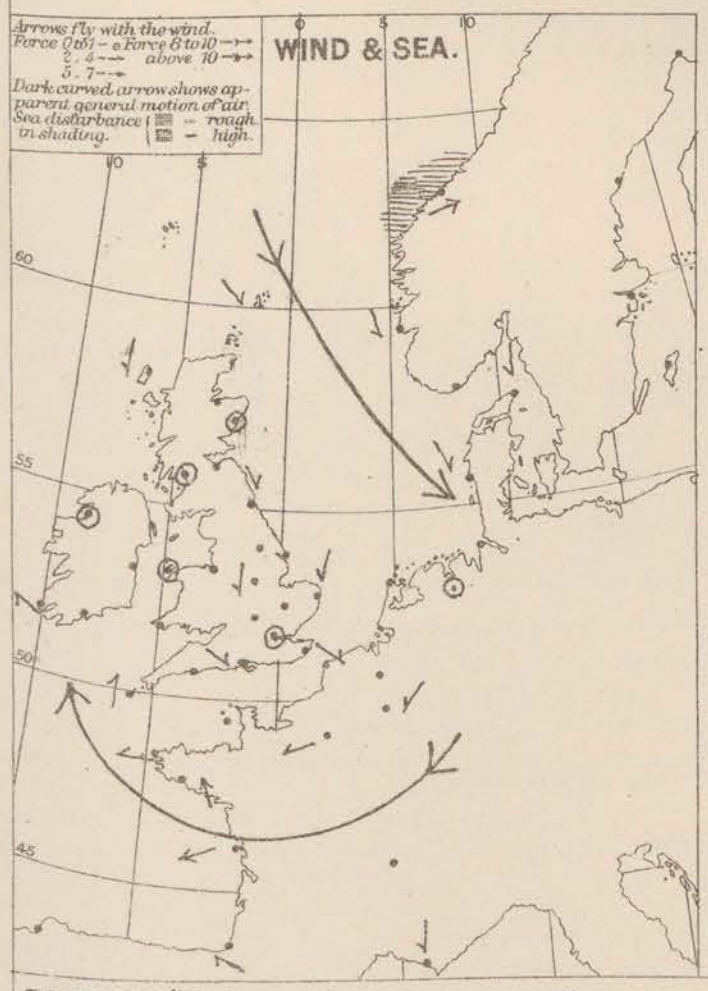
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

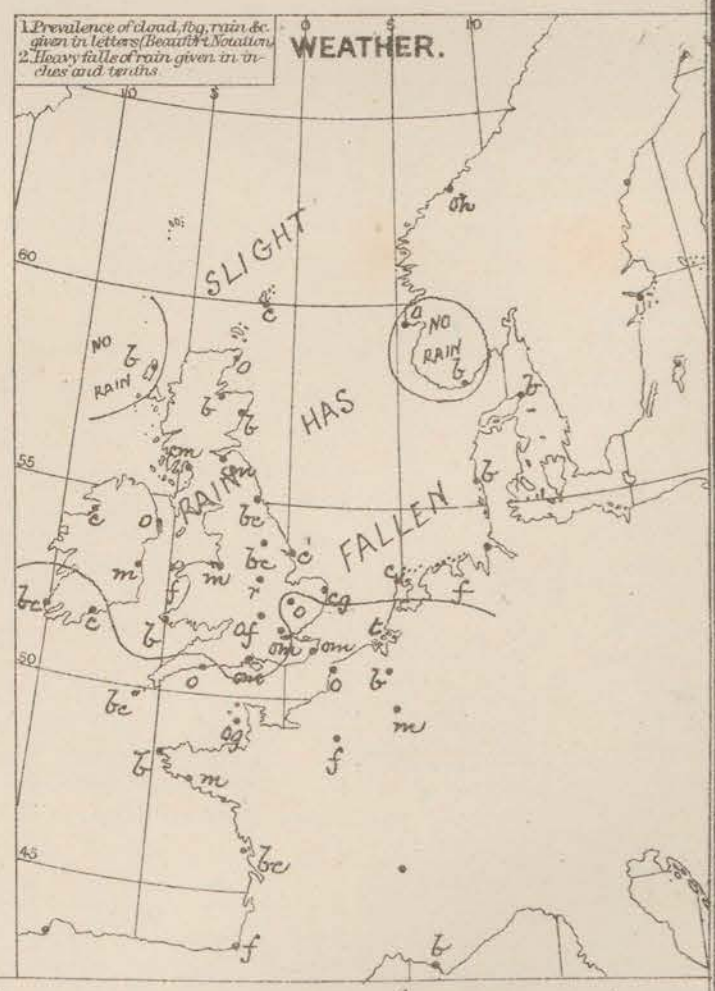
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m. on Wednesday 10TH DEC.R 1879.









REMARKS. Weather is rather unsettled, and the amount of clouds varies considerably. Over the greater part of Scotland as well as in the NE and SW of England, the W. of France and over Denmark the sky is clear, but elsewhere it is cloudy or overcast, hail is reported from Christiansund, thunder from Flushing and much fog or mist from Central England and the NE of France. Slight rain has fallen except in the SW and S. Temperature has risen somewhat over England, and very rapidly over the Netherlands, fallen in all other places. Readings range over these Islands from 43° at Penzance to 27° at Aberdeen, over France from 31° at Toulouse to –5° at Charleville, and on the E. shores of the North Sea from 34° at Christiansund to 24° at Fanö. The maxima yesterday were above 45° on our W. and NW. coasts, but elsewhere they are in many instances the 8 am. readings this morning. Wind is moderate to fresh from the NW. over the North Sea, and from the E. over France, but very light and variable airs prevail on our coasts. Sea is slight to smooth.

Barometrical Indications. Pressure is increasing in the NW. and N. of these Islands, and on the E. shores of the North Sea, decreasing elsewhere. Areas of high pressure are reported from France and the Channel, and from our N. stations, while readings are low over the Mediterranean and the N. of Scandinavia.

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Meteorological Office, 116, Victoria Street, Westminster, S.W.

R. H. SCOTT. Secretary.

DANCERFIELD LTH. 22 BEDFORD ST. COVENT GARDEN

DAILY WEATHER REPORT 11th DECR 1879.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29.68	6	Z	0	b	29.91	+ .34	6	6	− 12	NE	2	bc	*	18	5	—
Hernösand ...	29.66	27	SW	2	s	29.79	− .05	30	30	+ 2	N	4	o	*	30	19	0.08
Stockholm ...	29.99	17	W	2	o	29.78	− .20	25	23	+ 8	WNW	4	o	*	37	12	—
Wisby	29.95	30	NNW	4	b	29.84	− .07	32	30	0	NW	6	c	*	34	28	—
Christiansund ...	29.90	41	WNW	8	o	30.06	− .03	39	36	+ 5	NW	6	c	6	41	25	0.35
Skudesnaes ...	30.20	41	WNW	8	r	30.17	− .11	42	42	+ 15	WNW	6	o	4	?	27	0.32
Oxö (Xtiansund) ...	30.17	33	SW	4	o	30.05	− .17	41	40	+ 11	WSW	4	c	2	?	?	—
Skagen (The Skaw)	30.12	34	NW	4	o	29.99	− .18	40	38	+ 7	NW	6	c	3	41	25	—
Fanö	30.30	33	W	2	o	30.16	− .07	37	36	+ 13	WNW	6	c	*	?	23	—
Cuxhaven ...	30.40	30	N	1	b	30.29	+ .04	35	35	+ 8	W	3	r	*	?	25	—
Sumburgh Head	30.33	42	NW	5	c	30.30	− .07	42	40	+ 3	N	3	bc	2	43	37	0.02
Stornoway ...	30.44	32	Z	0	b	30.41	− .06	36	35	+ 2	W	3	c	2	37	29	—
Thurso																	
Wick	30.45	32	SW	1	b	30.48	− .01	34	33	+ 4	NW	2	o	1	34	26	—
Nairn	30.49	27	Z	0	bc	30.45	− .05	34	32	+ 5	W	1	bc	1	34	26	—
Aberdeen ...	30.45	28	WSW	1	b	30.46	− .03	24	23	− 3	W	1	b	1	31	20	—
Leith	30.52	31	W	1	b	30.50	− .02	30	30	− 1	W	2	bm	*	35	25	—
Shields	30.54	33	NNW	1	b	30.51	+ .02	28	27	− 8	WNW	2	b	1	37	25	—
Spurn Head ...	30.50	33	WNW	1	b	30.51	+ .08	29	28	− 9	WSW	4	f	4	40	27	—
York	30.54	29	N	1	b	30.55	+ .06	17	17	− 16	SE	1	f	*	38	14	—
Nottingham ...	30.56	31	Z	0	o	30.60	+ .11	20	20	− 15	Z	0	of	*	38	19	0.05
Ardrossan ...	30.52	30	ENE	1	b	30.50	− .02	35	33	+ 3	ENE	2	drn	1	36	28	—
Mullaghmore ...	30.45	37	Z	0	b	30.47	.00	38	37	+ 2	ESE	3	b	2	45	34	—
Donaghadee ...	30.52	43	ESE	2	o	30.55	+ .04	26	26	− 14	SW	2	o	1	43	26	0.02
Kingstown ...	30.57	39	WSW	1	c	30.54	+ .04	33	33	− 6	Z	0	of	1	45	30	—
Holyhead ...	30.50	39	SSW	1	b	30.52	+ .06	39	38	− 3	SSW	2	b	1	45	38	—
Liverpool (Bidston)	30.53	36	SE	1	b	30.55	+ .06	32	31	− 4	SE	1	f	1	38	29	—
Valentia	30.41	44	SE	4	bc	30.43	.00	46	43	+ 6	SE	5	cgw	3	47	39	—
Roche's Point ...	30.47	42	SE	4	bc	30.47	− .01	44	42	+ 8	NE	5	c	4	46	36	—
Pembroke ...	30.51	42	NE	1	c	30.53	+ .05	40	37	− 3	SE	2	b	2	47	40	0.01
Scilly	30.50	40	SSE	4	b	30.49	− .02	46	44	+ 4	E	5	o	4	46	41	—
Prawle Point ...	30.50	40	NNW	2	b	30.53	+ .03	38	37	0	NNE	4	o	3	42	36	—
Hurst Castle ...	30.49	36	NE	3	b	30.59	+ .12	31	30	− 5	NE	2	o	2	39	28	—
Dover	30.49	37	NNE	4	b	30.57	+ .16	31	30	− 5	N	3	b	2	38	30	0.05
London	30.54	35	NNE	1	bm	30.61	+ .16	22	?	− 12	Z	0	bf	*	39	19	—
Oxford	30.56	32	Z	0	b	30.63	+ .17	20	20	− 15	Z	0	of	*	36	19	—
Cambridge ...	30.52	27	N	1	b	30.59	+ .16	11	11	− 23	S	1	b	*	37	11	—
Yarmouth ...	30.49	34	NNE	1	b	30.55	+ .13	25	24	− 11	NW	2	bm	3	38	24	—
The Helder ...	*	*	*	*	*	30.44	+ .11	37	36	+ 1	NW	1	o	*	*	*	*
Cape Gris Nez	30.49	35	E	3	b	30.56	+ .13	30	30	− 8	S	1	f	0	39	30	0.08
Jersey	30.52	38	W	2	c	30.60	+ .02	31	29	0	ESE	2	bm	2	39	31	0.01
Brest	30.53	31	ESE	3	b	30.51	− .06	36	34	+ 8	E	3	o	3	37	?	—
Lorient	30.50	26	ESE	4	bc	30.50	− .04	28	26	+ 6	SE	5	m	2	28	25	—
Rochefort ...	30.47	26	E	7	bc	30.48	− .02	29	22	+ 4	ENE	7	c	2	45	?	—
Biarritz	30.38	27	E	4	b	30.41	.00	19	18	− 2	SE	3	b	2	41	16	—
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	30.55	+ .12	25	25	+ 3	SW	1	f	*	25	22	0.04
Charleville ...	?	13	SSE	1	o	?	?	15	14	+ 20	SW	1	m	*	17	?	—
Paris	30.49	21	?	3	o	30.59	+ .02	22	21	+ 18	ENE	1	m	*	*	*	0.04
‡ Lyons	30.53	12	N	1	b	30.50	− .08	17	16	+ 9	NNE	1	s	*	20	10	—
Toulon	30.21	35	SW	4	b	30.20	− .06	36	32	+ 5	ENE	7	c	4	37	30	—

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30.22	36	36	NNW	6	r	2	Valentia ...	30.44	46	42	SE	4	bc	4
Sumburgh Head	30.24	41	38	NW	4	bc	4	Scilly	30.50	45	41	SSE	5	b	5
Stornoway ...	30.47	35	34	Z	0	b	0	Dover	30.42	38	37	N	4	bcm	2
Aberdeen ...	30.50	30	28	WSW	1	b	1	London ...	30.50	39	36	NNE	2	cf	*
Shields	30.53	36	34	NNW	1	bc	2	Yarmouth ...	30.46	38	36	ENE	2	bc	3
Ardrossan ...	30.52	35	33	E	1	bm	1	Jersey	30.54	35	33	ENE	2	bc	3
Mullaghmore ...	30.49	44	42	Z	0	c	0	Rochefort ...	30.46	31	30	ENE	7	bc	2
Holyhead	30.49	44	42	SSW	1	o	0								

The barometer has fallen slightly on our S.W. coasts, and is reported to have fallen briskly in the Shetlands, but elsewhere it has risen. A large anticyclone has been formed over these Islands, and S. breezes prevail in the S.W., N.W. winds in Scotland, and N. winds in the E. The weather is fine except above S. and Central stations

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

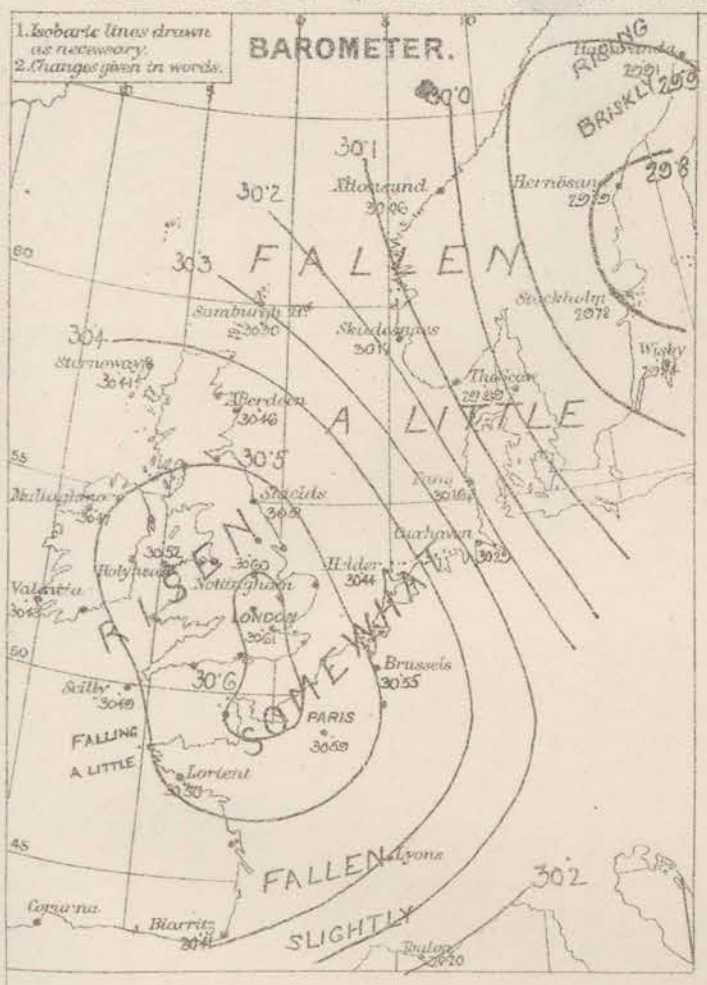
* AN ASTERISK is inserted in all places for which information is not usually received.

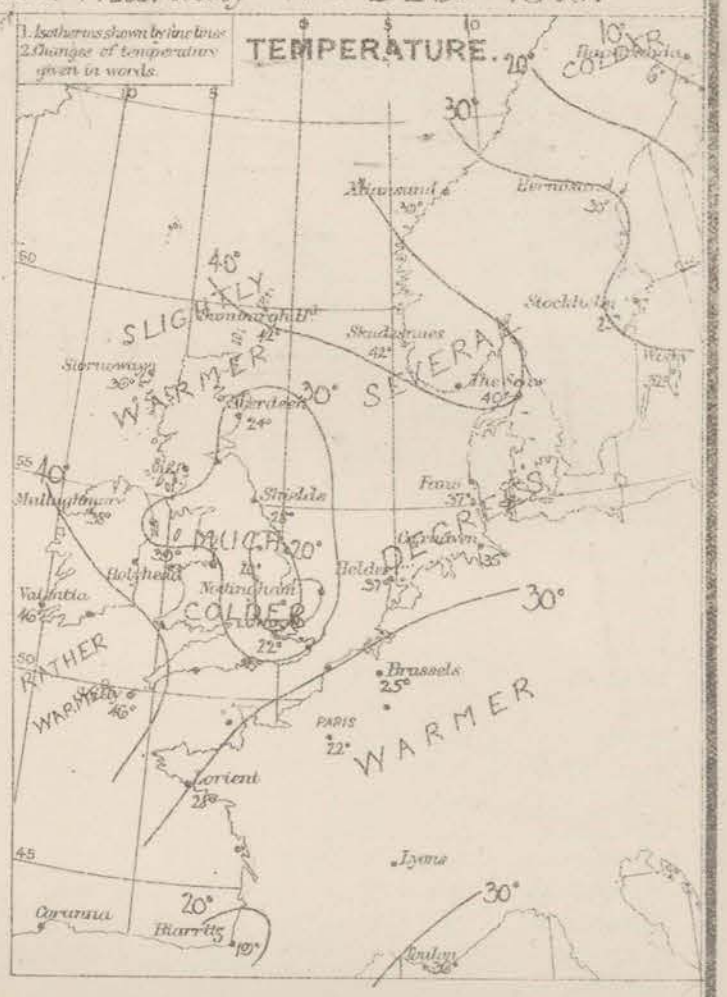
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

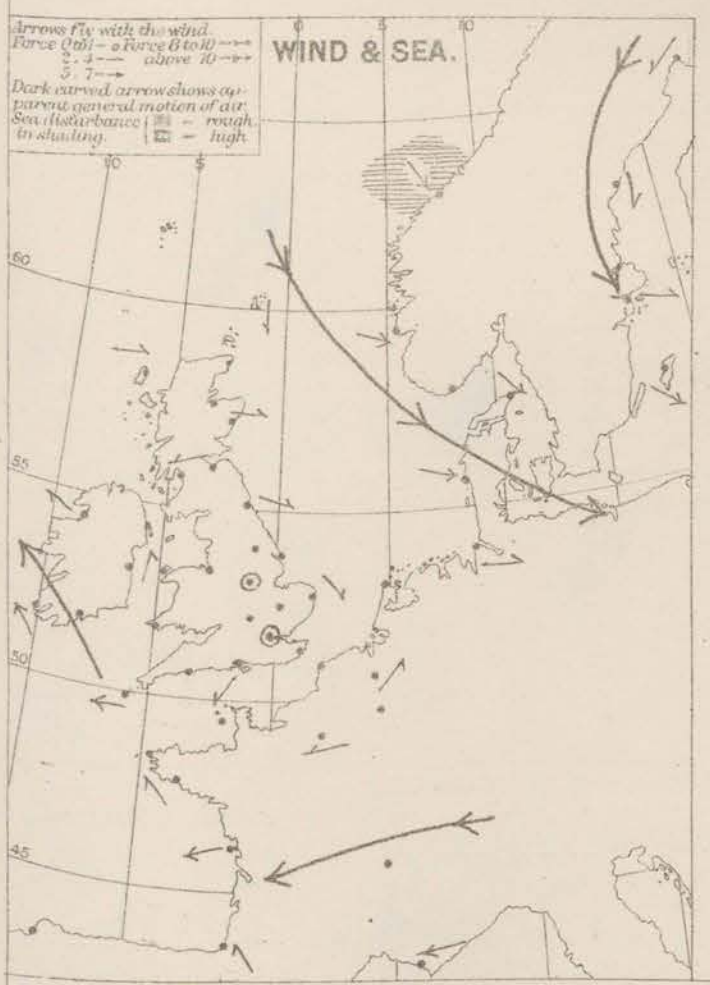
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

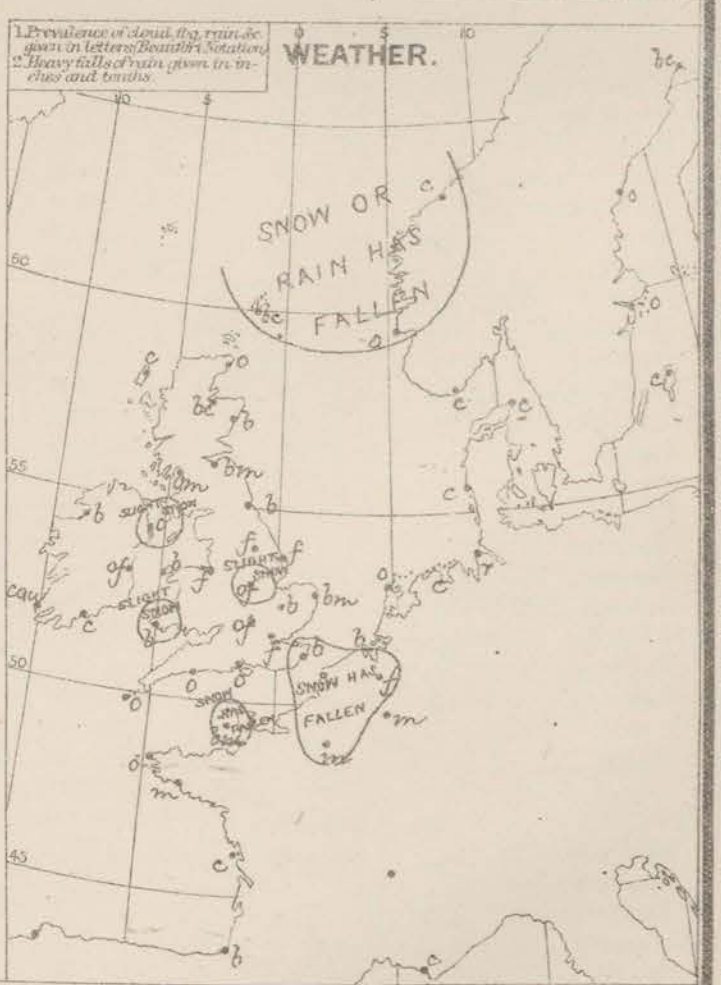
‡. Received too late for insertion in Chart.

WEATHER CHARTS for 8 a.m. on Thursday 11th Decr 1879.









REMARKS. Weather rains considerably this morning; the sky is clear at several of our south-eastern, north-eastern and western stations, but is cloudy or overcast generally, with a squally threatening appearance at Valentia, some mist in south Scotland and dense fog over Central England and in London. Scarcely any rain has fallen. Temperature has risen nine degrees on our south-west coasts, in the north of Scotland and over Scandinavia and very rapidly in the north-east of France, but elsewhere it has fallen—as much as twenty three degrees at Cambridge. Sharp frost has been re-established in our central and eastern districts. Readings range over these Islands from 46° in the south-west and 42° in the Shetlands to 11° at Cambridge; over France from 36° at Jersey and Brest to 15° at Charleville; and on the eastern shores of the North Sea from 42° at Skudesnes to 30° at Flushing. The minima last night were 11° at Cambridge, 16° at York and 19° in London, Oxford and Nottingham. Wind is E. over France and the Channel, SE. over Ireland, W. over Scotland and NW. over the North Sea. It blows strongly at our own and the French south-western stations and on the eastern shores of the North Sea, but is light elsewhere and calms prevail over Central England. Sea is moderate to smooth except at Christiansund.

Barometrical Indications. Pressure is increasing over England and the north of France, as well as in the north and west of Scandinavia, but is decreasing elsewhere. A large area of high pressure lies over these Islands, with areas of low readings over the Mediterranean and the Baltic.

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Meteorological Office. 116, Victoria Street, Westminster. S.W.

R. H. SCOTT. Secretary

DAILY WEATHER REPORT 12TH DECR 1879.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	30·23	3	N	2	o	30·32	+ ·41	5	5	— 1	SE	2	o	*	9	-8	—
Hernösand ...	30·16	30	NN	2	b	30·10	+ ·31	6	6	— 24	Z	o	b	*	30	?	—
Stockholm ...	30·09	28	NNN	2	b	30·23	+ ·45	25	24	o	NNE	2	b	*	32	?	—
Wisby	29·95	30	ENE	8	o	30·14	+ ·30	33	31	+ 1	NE	8	o	*	37	27	—
Christiansund ...	30·17	35	N	1	c	30·40	+ ·34	38	37	— 1	SN	2	bc	4	39	25	0·28
Skudesnaes ...	30·26	41	NN	4	c	30·44	+ ·27	37	36	— 5	NNE	2	b	2	43	?	—
Oxö (Xtiansund) ...	30·19	39	SN	1	bc	30·41	+ ·36	32	31	— 9	NNN	2	b	1	43	30	—
Skagen (The Skaw)	30·21	33	Z	o	c	30·42	+ ·43	33	33	— 7	Z	o	o	o	?	27	—
Fanö	30·22	38	NN	4	o	30·41	+ ·25	31	31	— 6	NE	4	b	*	39	30	—
Cuxhaven ...	30·27	39	NNN	3	r	30·38	+ ·09	36	36	+ 1	N	1	f	*	?	34	0·28
Sumburgh Head	30·37	41	NNN	1	b	30·46	+ ·16	45	44	+ 3	N	2	o	2	45	38	0·10
Stornoway ...	30·45	39	N	1	c	30·48	+ ·07	39	37	+ 3	Z	o	bc	o	40	35	—
Thurso																	
Wick	30·44	37	NN	2	o	30·53	+ ·13	39	37	+ 5	N	1	c	o	39	32	0·03
Nairn	30·48	38	N	1	b	30·54	+ ·09	35	33	+ 1	N	1	bc	1	39	34	—
Aberdeen ...	30·48	35	Z	o	bm	30·58	+ ·12	34	32	+ 10	NSN	1	c	1	38	24	—
Leith	30·54	34	N	2	b	30·62	+ ·12	25	25	— 5	NNN	1	cm	*	36	24	—
Shields	30·54	34	NNN	1	o	30·62	+ ·11	32	32	+ 4	NNN	2	bc	o	37	27	—
Spurn Head ...	30·51	34	N	3	m	30·59	+ ·08	32	30	+ 3	NSN	4	bm	5	37	29	—
York	30·34	20	S	1	o	30·64	+ ·09	21	21	+ 4	N	1	b	*	27	12	—
Nottingham ...	30·59	27	Z	o	o	30·68	+ ·08	30	30	+ 10	Z	o	b	*	31	20	—
Ardrossan ...	30·56	31	E	1	b	30·62	+ ·12	32	31	— 2	ESE	1	bm	1	37	31	—
Mullaghmore ...	30·50	41	SSN	2	b	30·56	+ ·09	39	37	+ 1	SSN	2	b	2	46	37	—
Donaghadee ...	30·58	31	N	2	b	30·65	+ ·10	33	33	+ 7	NSN	2	o	1	43	26	—
Kingstown ...	30·57	40	Z	o	f	30·63	+ ·09	41	38	+ 8	SSE	1	o	1	43	32	0·01
Holyhead ...	30·56	41	SSN	1	r	30·63	+ ·11	43	41	+ 4	SSN	2	o	1	43	39	0·22
Liverpool (Bidston)	30·58	38	SN	1	o	30·66	+ ·11	35	34	+ 3	Z	o	m	1	39	32	—
Valentia	30·46	47	SSE	5	bc	30·56	+ ·13	47	44	+ 1	SE	4	o	4	49	45	—
Roche's Point ...	30·57	42	SE	5	c	30·57	+ ·10	45	42	+ 1	ENE	4	c	4	47	42	—
Pembroke ...	30·59	41	SE	2	o	30·66	+ ·13	35	34	— 5	ENE	1	bm	2	43	34	—
Scilly	30·34	45	ESE	6	bc	30·61	+ ·12	41	39	— 5	ESE	4	b	2	48	39	—
Prawle Point ...	30·61	38	ESE	3	b	30·66	+ ·13	38	35	o	ESE	2	bc	3	43	36	—
Hurst Castle ...	30·63	34	N	1	bc	30·67	+ ·08	26	26	— 5	NNN	1	c	2	39	25	—
Dover	30·61	33	NNN	1	b	30·63	+ ·06	34	33	+ 3	NNN	2	of	1	36	31	—
London	30·61	24	N	2	bf	30·64	+ ·03	32	?	+ 10	NN	1	ogf	*	34	19	—
Oxford	30·62	28	N	1	b	30·68	+ ·05	32	31	+ 12	N	1	o	*	32	19	—
Cambridge ...	30·55	30	SN	1	o	30·65	+ ·06	32	32	+ 21	N	1	c	*	35	11	—
Yarmouth ...	30·54	26	NNN	1	b	30·59	+ ·04	32	31	+ 7	NNN	2	f	3	32	24	—
The Helder ...	*	*	*	*	*	30·47	+ ·03	39	38	+ 2	NNN	1	r	*	*	*	*
Cape Gris Nez	30·60	31	S	1	f	30·62	+ ·06	38	38	+ 8	NN	3	f	2	?	30	—
Jersey	30·69	33	SSE	1	bm	30·70	+ ·10	31	29	o	SSE	1	bm	1	35	31	—
Brest	30·58	31	SSE	4	b	30·65	+ ·14	33	31	— 3	E	4	o	3	37	30	—
Lorient	30·57	29	SE	5	m	30·61	+ ·11	23	21	— 5	SE	5	m	3	32	23	—
Rochefort ...	30·57	26	ENE	7	b	30·57	+ ·09	22	20	— 1	E	5	b	2	? 32	?	—
Biarritz																	
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	30·59	+ ·04	30	?	+ 5	SN	1	f	*	?	22	—
Charleville ...	?	18	SN	1	o	?	?	19	18	+ 4	SSN	1	m	*	22	15	—
Paris	30·67	23	?	3	o	30·73	+ ·14	21	20	— 1	ENE	1	o	*	*	*	0·04
Lyons														*			
Toulon																	

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30·24	41	40	WNW	5	o	3
Sumburgh Head	30·32	43	41	NN	4	bc	3
Stornoway ...	30·42	40	39	NSN	1	c	1
Aberdeen ...	30·46	32	31	N	1	cm	1
Shields	30·52	35	34	NNN	2	b	0
Ardrossan ...	30·52	37	35	Z	o	om	0
Mullaghmore ...	30·49	46	42	SSN	4	b	3
Holyhead... ...	30·56	42	41	E	1	mg	1
Valentia ...	30·45	48	43	ESE	5	bc	5
Scilly	30·52	46	44	SSE	6	c	5
Dover	30·57	36	35	NN	2	b	1
London ...	30·61	33	32	SN	1	bf	*
Yarmouth ...	30·54	30	29	WNW	2	bm	3
Jersey... ...	30·64	35	33	SSE	2	bm	2
Rochefort ...	30·53	34	32	ENE	5	bc	2

Pressure is increasing closely at nearly all our stations and a large anticyclone lies over Ireland, England and N France. Wind is fresh from the S'ly in the SW and W, very light from the N'ly elsewhere. Temperature ranges from 48° at Valentia to 30° at Yarmouth.

EXPLANATION OF COLUMNS.

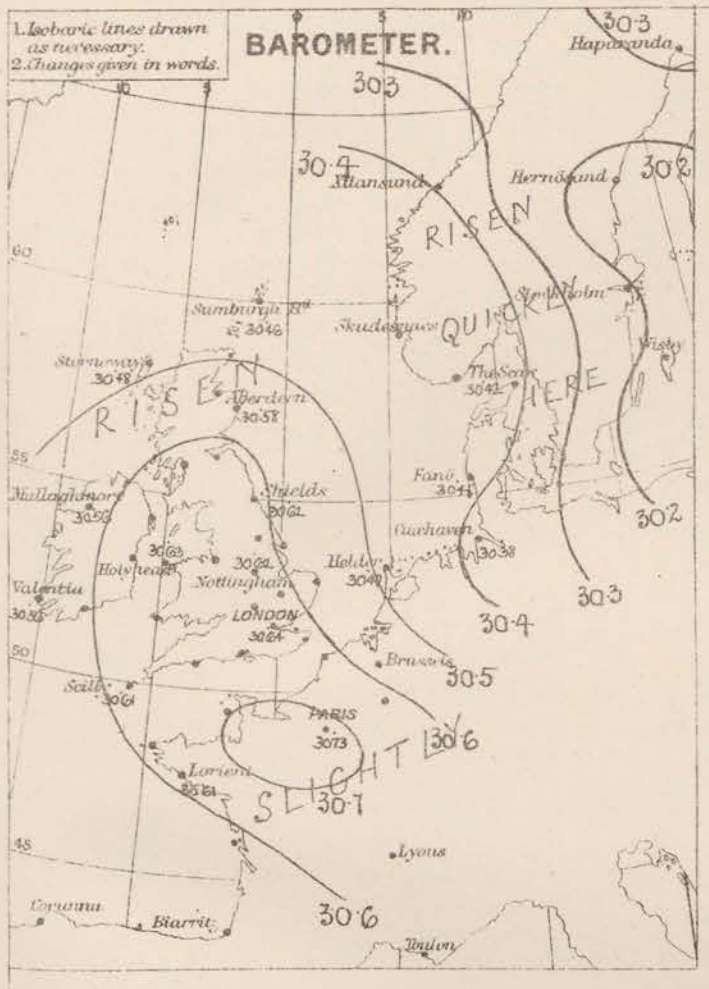
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

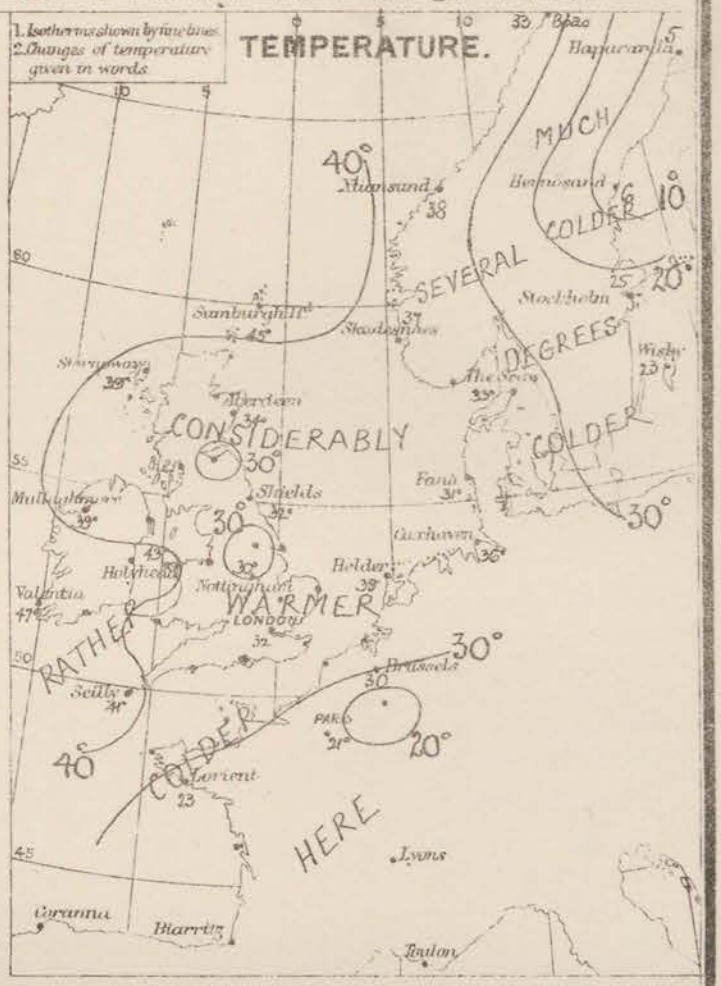
* AN ASTERISK is inserted in all places for which information is not usually received.

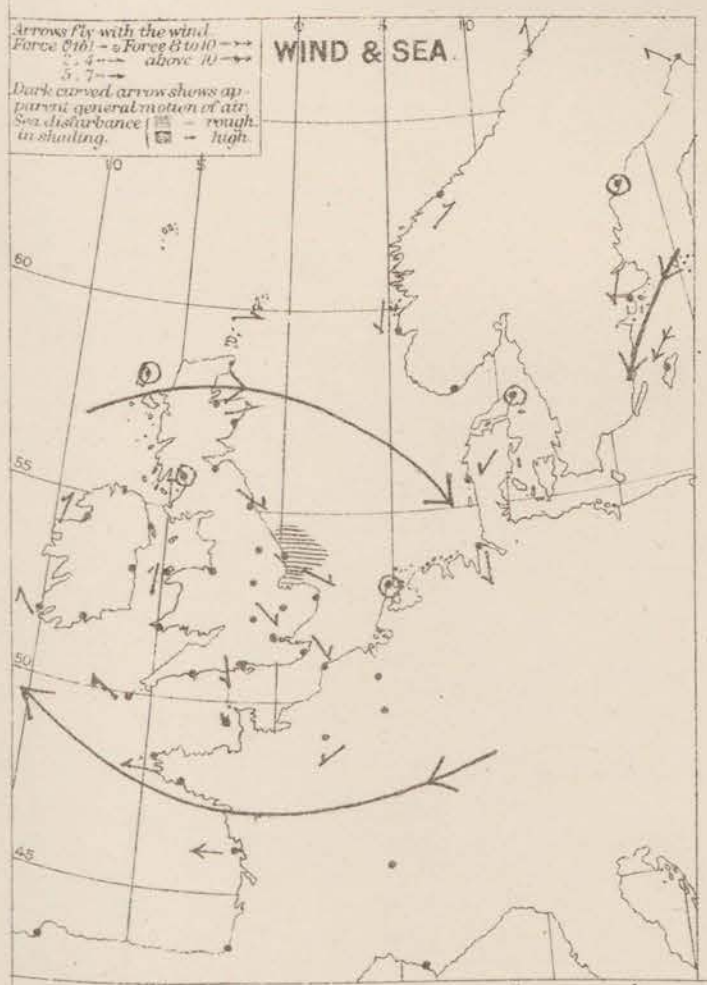
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

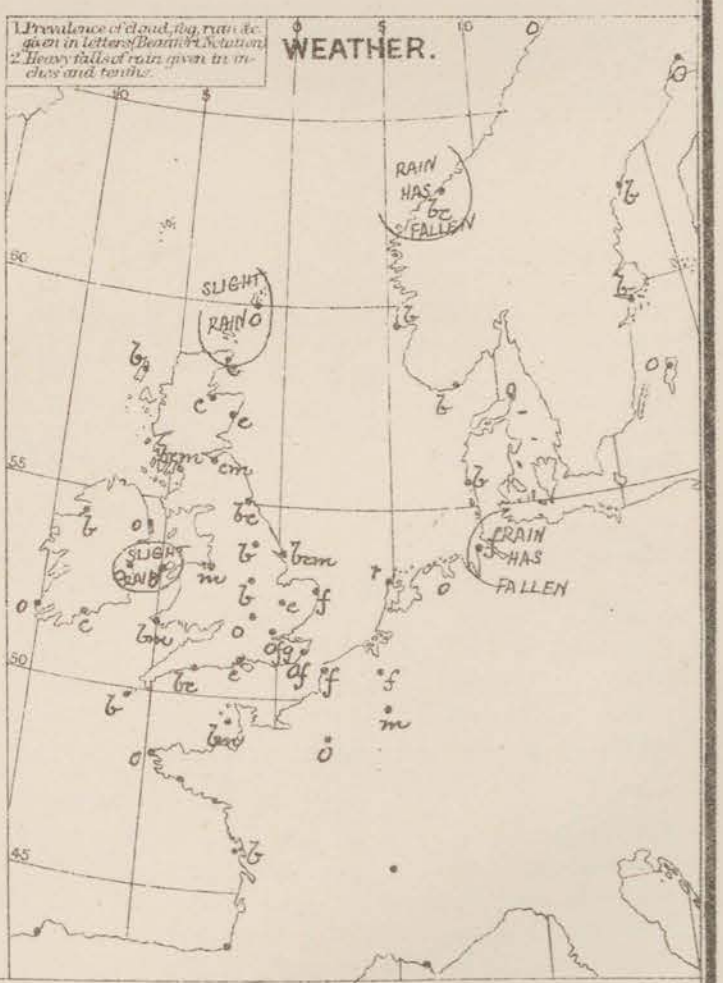
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m. on Friday 12th Decr 1879.









REMARKS. Weather is fine in the W. of France, the SW. of England and at several of our central and NWn stations, but is cloudy or dull generally with fog or mist in many places, and rain is falling at the Helder. A little rain has fallen at Holyhead and Kingstown, and in the extreme N. of Scotland, but the weather generally remains dry. Aurora was seen at Wick, Rainy, and Mullaghmore. Temperature has fallen a few degrees over the greater part of France, the SW. of England, the S. of Scotland, and on the Ern shores of the North Sea, but has risen elsewhere. Readings are very uniform in our Central and Ern districts, and at present range from 47° at Valentia and 45° in the Shetlands to 21° at York, and 25° at Leith. Last night the thermometer fell to 12° at York, and to about 20° at several Ern and Central stations, while at Valentia the minimum was 45° and at Rochs Pt. 42°. Wind is moderate from the Ern over France, and from SE on our SW. coasts, but is very light from the Wrn on most coasts, while calms prevail in our central districts. Sea is moderate to calm except at Spurn Head.

Barometrical Indications. Pressure is increasing everywhere, slowly in most places, but briskly over Scandinavia. An area of high pressure the readings at the centre of which exceed 30.7 ins. lies over the British Isles and France.

Subscription for these charts payable in advance to cover delivery. | Delivery by hand 10/- per quarter. book post 5/- " "

Meteorological Office, 116, Victoria Street, Westminster. S.W.

R. H. SCOTT. Secretary.

Dancerfields Lith. 22 Bedford St. Covent Garden

DAILY WEATHER REPORT 13th DECr 1879.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	30·18	20	SW	2	b	29·68	−·64	33	33	+ 28	SW	6	o	*	34	5	—
Hernösand ...	30·47	10	L	0	b	30·12	+·02	34	30	+ 25	SW	2	o	*	?	−2	—
Stockholm ...	30·67	14	NW	2	b	30·50	+·27	19	19	− 6	WSW	2	f	*	28	10	—
Wisby	30·48	27	ENE	6	b	? 30·49	+·35	29	26	− 4	WNW	4	b	*	36	27	—
Christiansund...	30·42	30	SSW	3	b	30·17	−·23	42	39	+ 4	WSW	6	c	5	43	25	—
Skudesnaes ...	30·61	41	SSE	6	o	30·52	+·08	41	41	+ 4	S	6	o	4	41	36	0·08
Oxö (Xtiansund) ...	30·67	32	NNW	2	o	30·54	+·13	36	36	+ 4	WSW	2	f	1	?	28	—
Skagen (The Skaw)																	
Fanö	30·69	30	L	0	b	30·68	+·27	29	29	− 2	L	0	b	*	34	27	—
Cuxhaven ...	30·62	35	NE	1	bc	30·78	+·40	29	29	− 7	SW	1	b	*	36	27	—
Sumburgh Head	30·50	44	W	3	c	30·34	−·12	46	44	+ 1	SW	5	o	5	46	40	0·01
Stornoway ...	30·46	43	SSW	6	oq	30·36	−·12	45	45	+ 6	NNW	7	oq	5	45	36	0·05
Thurso																	
Wick	30·54	35	L	0	b	30·43	−·10	42	41	+ 3	S	2	c	0	42	32	0·03
Nairn	30·56	36	W	1	bc	30·46	−·08	42	40	+ 7	WNW	4	o	2	42	35	—
Aberdeen ...	30·57	33	L	0	bc	30·51	−·07	28	27	− 6	WSW	1	bc	1	36	24	—
Leith	30·66	34	L	0	b	30·61	−·01	38	37	+ 13	WSW	2	c	*	45	25	—
Shields	30·61	37	NW	2	b	30·69	+·07	31	31	− 1	W	1	cm	0	39	29	—
Spurn Head ...	30·67	27	WNW	3	c	30·72	+·13	36	34	+ 4	NW	1	cm	3	37	32	—
York	30·70	33	N	1	o	30·74	+·10	31	31	+ 10	S	1	b	*	34	21	—
Nottingham ...	30·73	35	L	0	o	30·78	+·10	32	32	+ 2	L	0	o	*	35	29	—
Ardrossan ...	30·66	42	SSW	2	o	30·62	·00	44	41	+ 12	SSW	4	o	3	44	31	—
Mullaghmore ...	30·59	43	SSW	5	og	30·57	+·01	43	41	+ 4	SSW	4	cg	4	44	38	—
Donaghadee ...	30·70	38	SW	1	m	30·67	+·02	38	38	+ 5	W	2	o	1	40	33	—
Kingstown ...	30·71	41	S	1	o	30·68	+·05	40	38	− 1	SSE	3	c	3	43	37	—
Holyhead ...	30·72	42	L	0	o	30·69	+·06	39	38	− 4	S	3	c	2	44	36	—
Liverpool (Bidston)	30·72	36	SSE	1	b	30·73	+·07	27	26	− 8	SSE	2	m	1	42	27	—
Valentia	30·61	47	ESE	3	o	30·62	+·06	47	45	0	SE	3	cm	3	48	45	—
Roche's Point...	30·66	45	S	4	c	30·85	+·08	46	44	+ 1	SSW	4	o	4	47	43	—
Pembroke ...	30·72	38	E	1	b	30·72	+·06	42	40	+ 7	S	2	c	3	42	35	—
Scilly	30·67	43	ESE	4	c	30·72	+·11	43	41	+ 2	S	5	c	3	45	40	—
Prawle Point ...	30·71	38	ESE	2	b	30·76	+·10	33	32	− 5	N	2	b	2	45	32	—
Hurst Castle ...	30·70	39	L	0	c	? 30·75	+·08	35	34	+ 9	ENE	2	cm	2	35	25	—
Dover	30·67	37	N	3	od	30·76	+·13	36	36	+ 2	NNE	2	ofd	1	38	34	0·03
London	30·70	39	L	0	of	30·76	+·12	34	32	+ 2	SW	1	ogf	*	39	32	—
Oxford	30·73	32	L	0	o	30·79	+·11	32	31	0	L	0	o	*	37	30	—
Cambridge ...	30·70	34	L	0	o	30·77	+·12	34	33	+ 2	L	0	o	*	38	32	0·04
Yarmouth ...	30·66	36	NW	2	f	30·75	+·16	34	34	+ 2	L	0	f	2	36	30	0·03
The Helder ...	*	*	*	*	*	30·76	+·29	25	24	− 14	SSE	1	f	*	*	*	*
Cape Gris Nez	30·66	38	N	3	m	30·76	+·14	35	34	− 3	E	3	o	1	39	32	0·04
Jersey	30·74	34	L	0	bm	30·78	+·08	35	34	+ 4	NE	1	bm	1	39	31	—
Brest	30·70	36	E	3	b	30·75	+·10	34	32	+ 1	E	1	o	2	39	30	—
Lorient	30·67	30	SE	4	m	30·72	+·11	34	31	+ 11	E	3	m	3	34	?	—
Rochefort ...	30·60	30	E	5	b	30·67	+·10	26	24	+ 4	NE	5	m	0	46	?	—
Biarritz																	
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	30·77	+·18	30	30	0	E	1	o	*	37	30	0·04
Charleville ...	?	20	SSW	1	m	?	?	21	?	+ 2	NE	1	b	*	24	?	—
Paris	30·68	29	?	2	o	? 30·74	+·01	35	34	+ 14	SSE	1	o	*	*	*	—
‡ Lyons	30·63	22	NNW	1	bc	30·59	+·10	28	27	+ 12	N	3	bc	*	29	16	—
Toulon																	

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30·58	35	35	NNE	2	bc	2	Valentia ...	30·59	48	45	SE	3	o	4
Sumburgh Head	30·50	45	42	W	3	o	3	Scilly	30·66	45	41	SE	5	bc	*
Stornoway ...	30·49	42	40	SSW	5	o	4	Dover	30·64	38	37	NNW	2	bef	1
Aberdeen ...	30·59	36	34	WSW	1	bc	1	London ...	30·68	39	37	NW	1	f	*
Shields	30·67	38	38	W	2	b	0	Yarmouth ...	30·61	35	34	WNW	2	f	3
Ardrossan ...	30·64	37	36	ESE	1	cf	0	Jersey... ...	30·75	38	36	SE	1	bm	1
Mullaghmore ...	30·60	43	41	SSW	4	c	3	Rochefort ...	30·67	39	37	E	1	b	2
Holyhead... ...	30·68	43	40	SW	3	c	2								

Pressure shows very little change since the morning and readings are high and uniform. Wind is S. in the W., SW. to W. in the N., and NW. in the E. and is light except at Scilly and Stornoway.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

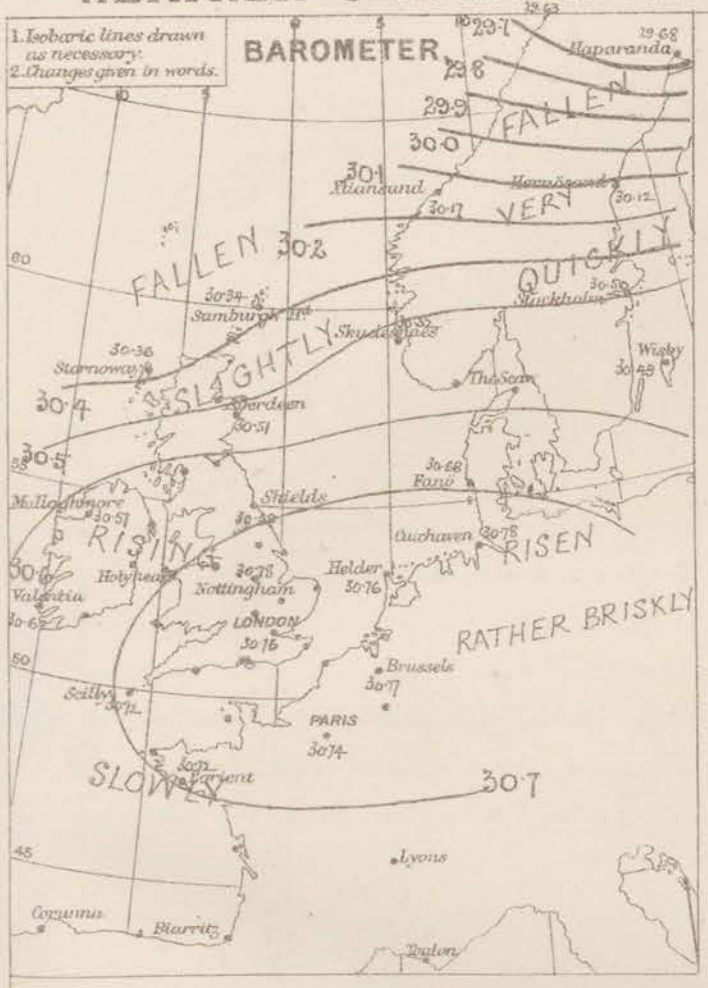
* AN ASTERISK is inserted in all places for which information is not usually received.

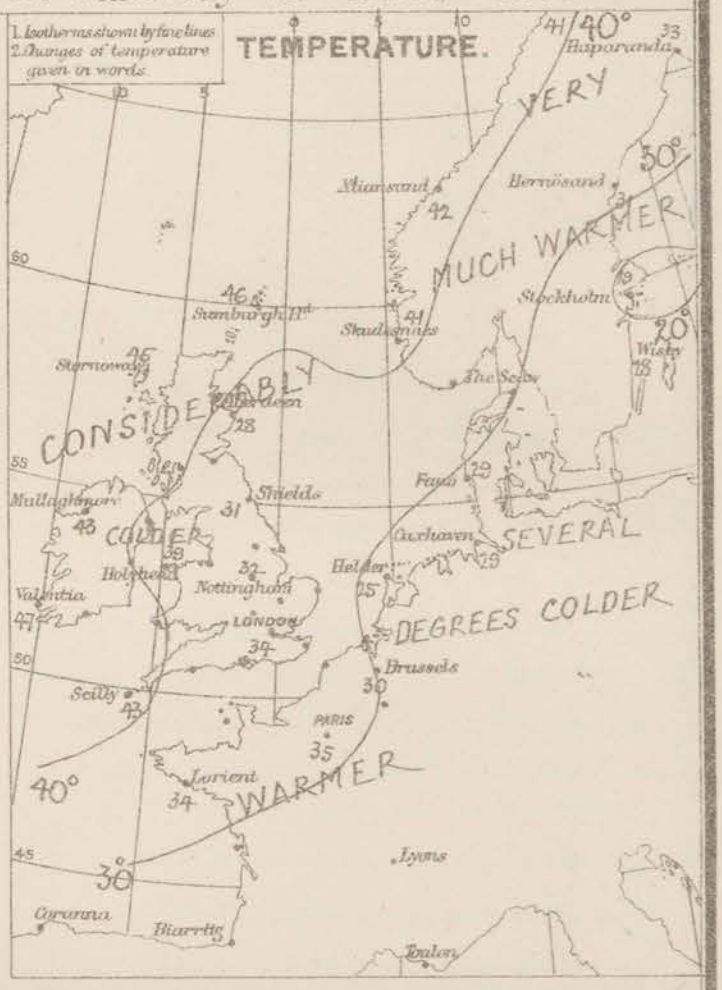
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

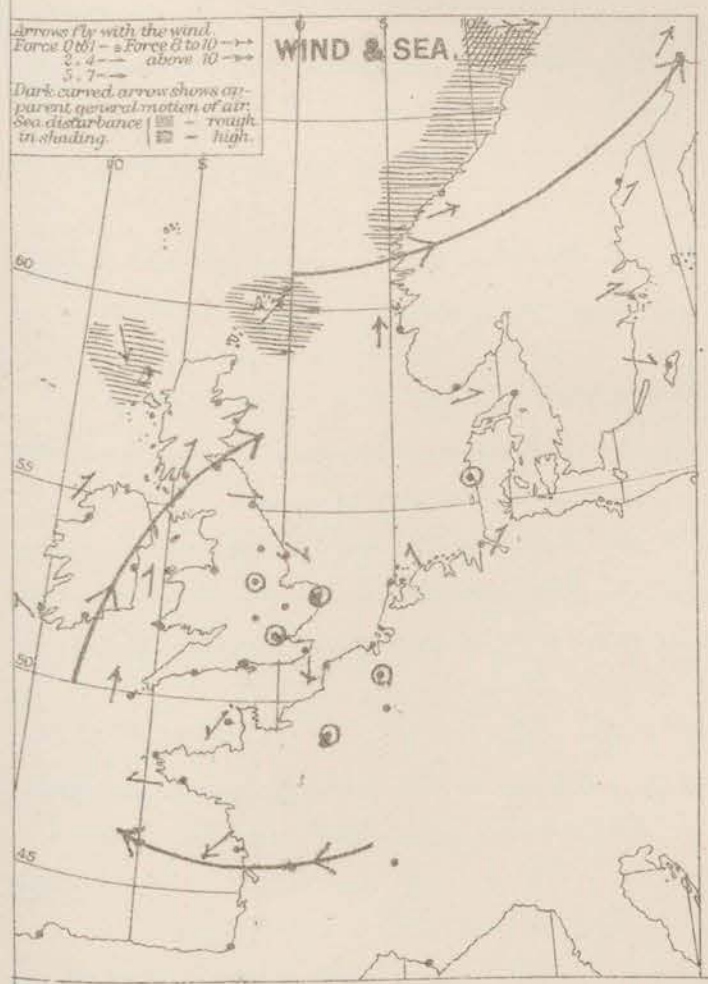
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

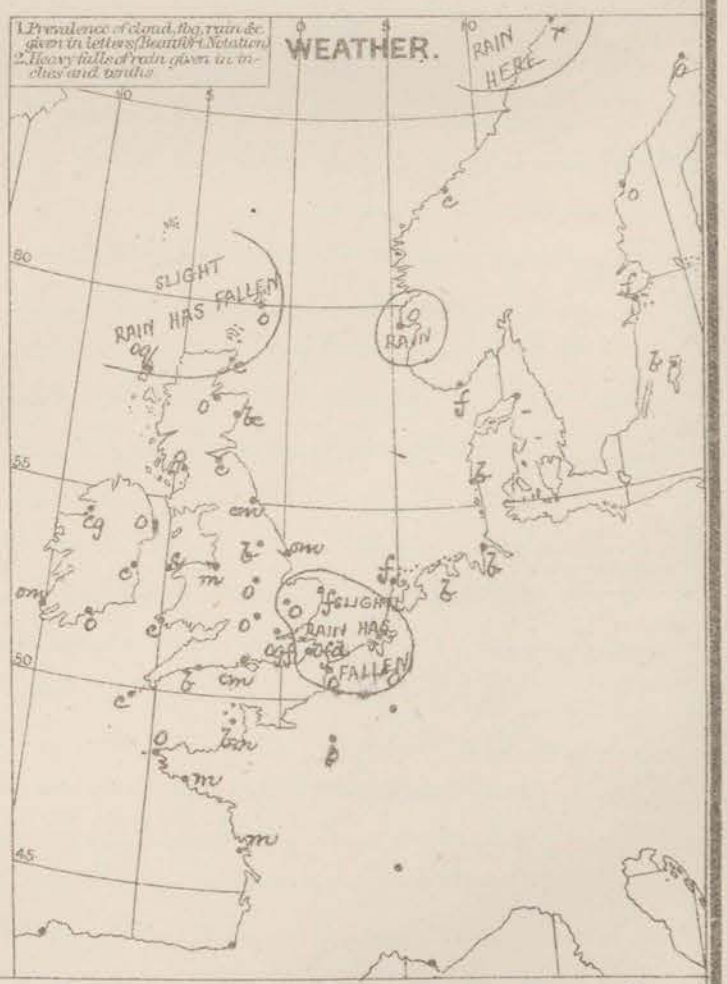
‡ Received too late for insertion in Chart.

WEATHER CHARTS for 8 a.m. on Saturday 13th Dec. 1879.









REMARKS. Weather this morning is dull or very cloudy in nearly all places with fog or mist at many stations, but at Jersey, Prawlet and York the sky is clear. Very slight rain has fallen at a few of our extreme SE and N stations, but the weather generally has been dry. Temperature has fallen over the Netherlands and N. Germany, as well as in North Wales, but elsewhere it has risen rapidly over the Gulf of Bothnia. Readings range over these Islands from 47° at Valentia and 46° in the Shetlands to 27° at Liverpool and 28° at Aberdeen, over France from 35° at Paris to 26° at Rochefort, and to the E of the North Sea from 42° at Hernösand to 19° at Stockholm, and 25° at the Helder. The minima last night were very much higher than of late. Wind is very light and variable over England, the NE. of France and the Netherlands, while SW to W winds prevail at most of the Irish, Scottish and Scandinavian stations. It blows freshly over Norway and the N. of Sweden, and reaches a hard gale at Bodö. Sea is rather rough to the N of Scotland, moderate to smooth elsewhere. Barometrical Indications. Pressure still increases over the greater part of England, France and the Netherlands, and is very high and uniform over those countries, but further to the N a rapid fall has occurred and a deep depression lies over the N. of Scandinavia.

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Meteorological Office. 116, Victoria Street, Westminster: S.W.

R. H. SCOTT. Secretary.

SUMMARY OF WEATHER IN WESTERN EUROPE

from DEC^R 7TH *to* DEC^R 13TH 1879.

(Issued Weekly as a Supplement to the "Daily Weather Report.")

During the whole of this week the weather of the British Isles and the neighbourhood has been governed by a large area of high readings, which was formed over the N.E. of France and our S. stations on Sunday and subsequently enveloped the whole of these Islands. In consequence very dry weather has been experienced though in many parts of the country and notably in London a great deal of fog or mist has prevailed, the densest fog of the week being that on Saturday morning. The winds generally have been light or moderate — from E. over France, from S. in the S.W., and from N. to N.W. in the N. and E. Intense frost prevailed on Sunday over England, the reading at Cambridge being 0°, at Nottingham 5° and at York 3°. A very rapid rise took place upon Monday, but upon Tuesday the frost was reestablished and lasted until Friday, when a rise of the thermometer commenced and continued till the close of the week.

SUNDAY DEC^R 7TH

Weather though cloudy at a few stations locally, generally fine and bright over our area, becoming rather more cloudy later, and slight snow falling in extreme N. and S.E.

Temperature rises N. — falls elsewhere — very considerably over these Islands and France. Readings exceedingly low over Central England and N.E. France, minima being -1° at Charleville and 3° at York, Cambridge and Nottingham. Brisk rise during day.

Wind moderate from E. in the S. and from N. in the N., with calms at the central stations. Very light breezes all day.

Sea moderate to calm.

Barometer rises over the whole of Western Europe — quickly over these Islands. Area of high pressure N. France and depressions over Norway and Mediterranean. Rising slowly all day.

MONDAY DEC^R 8TH

Weather fine and bright in N. France and over Ireland and Scotland, dull elsewhere, snow falling in London and Paris. Weather fine at most stations afternoon and evening. Slight rain in S.W. and N.

Temperature fallen over Ireland the N. of France and Denmark, risen rapidly central and eastern England, change at Cambridge amounting to 33°. Readings ranging from 34° at Scilly to 20° at Aberdeen. Maxima between 38° and 48°.

Wind moderate or light from S.W. over Scotland and Scandinavia, from N. over England, from N. over the Channel, and S^L over North Germany. No change later.

Sea rough at Cape Finisterre.

Barometer falling slightly in N. Germany, rising elsewhere. Readings high over the Bay of Biscay, and low over North Scandinavia, with small depression over Holland. Pressure decreasing in N. later, increasing in S.E.

TUESDAY DEC^R 9TH

Weather fine at our S.E. and S. stations, as well as at Nottingham, Holyhead and Donaghadee, cloudy or dull elsewhere with mist or fog in several places. Becoming more generally cloudy later with slight rain in most places.

Temperature rises fast in W. and N. and over Scandinavia, fallen quickly in S.E. and over France. Readings ranging from 47° at Valentia to 24° at York and minus 6° at Charleville. Sharp frost had been experienced over Great Britain early but the thermometer rose during the day except in N.

Wind E^LY to S^LY over France, S^LY to W^LY over the British Isles, the North Sea, Norway and Sweden. Moderate or light except to the E^WD of the North Sea. N^LY breeze appearing in Scotland later.

Sea moderate to smooth except off the Shetlands and Christiansund.

Barometer rising briskly in the S.E., falling elsewhere — quickly in Sweden; large area of high pressure (30·7 ins.) in S.E. and depression (29·4 ins.) over Lapland. Slight recovery in N. later, but mercury falling elsewhere.

WEDNESDAY DEC^R 10TH

Weather clear in parts of Scotland the N. of England and our S.W. coasts, but generally cloudy and misty. Fine in most places during day, but slight snow occurring at a few stations.

Temperature rises briskly England and rapidly Netherlands, falling over France and our N. and W. coasts, readings ranging from 43° at Pembroke to 27° at Aberdeen and −5° at Charleville. Thermometer rising all day but frost again at night.

Wind moderate to fresh from E. over France and from W. over Scandinavia, with light variable breezes on our coasts. A fresh S^R breeze prevailed in the S.W. later.

Sea rough at Christiansund.

Barometer rises over Norway and our N^n coasts, falling elsewhere. Readings high and uniform over these Islands and France, comparatively low over Lapland. Little change later.

THURSDAY DEC^R 11TH

Weather foggy at our central stations, and dull in S. and over France, fine in most other places. Fine all day and scarcely any rain falling.

Temperature fallen considerably over Central England, rises elsewhere, minima 11° at Cambridge, 14° at York and 19° at Oxford and London. Readings ranging from 46° at Valentia to 17° at York, but thermometer rising briskly during day.

Wind E^R to S^R in the S. and W., and W^R to NW^R in the W. and N.; blowing strongly over Scandinavia and Denmark. No change during day.

Sea rough at Christiansund.

Barometer rises slightly over England and the N. of France, falling elsewhere. Readings still high and uniform over the N. part of our area and low over the Baltic. Scarcely any change later.

FRIDAY DEC^R 12TH

Weather fine or moderately so at the majority of our stations, but dull and foggy in the SE.; cloudy or foggy during the day except in the NE. and slight rain falling in the N. and SE.

Temperature rises over Great Britain, fallen elsewhere. Readings ranging from 47° at Valentia and 45° in the Shetlands to 21° at York. Slight frost still prevailing in a few places but thermometer rising everywhere during day.

Wind E^R over France, SE^R on our SW. coasts, W^R in Scotland and NW^R over the North Sea. Light or moderate in force. A fresh SW^R breeze appearing in NW. at night.

Sea nearly smooth except at the mouth of the Humber.

Barometer rises generally, briskly in Scandinavia. Readings highest (30·7 ins.) over N. France, lowest (30·1 ins.) over the Gulf of Bothnia. Brisk fall of barometer with WSW gale at Bodö in evening.

SATURDAY DEC^R 13TH

Weather cloudy or dull except in N. Germany, and at a few of our stations, with a good deal of fog and mist. Dense fog in London. Weather cloudy or misty except in the NE. but with no rain.

Temperature fallen fast N. Germany, rises elsewhere, quickly Norway and Sweden; frost nearly disappeared readings ranging from 47° at Valentia to 28° at Aberdeen. Thermometer rising all day except in the SE.

Wind S^R to W^R, and fresh or moderate in force on our W^n and N^n coasts and strong to a gale from W. over Norway, with light variable breezes at our SE^n stations and E^R winds in France. Strong SW^R winds in Scotland at night.

Sea rough to the N^ds of Scotland and off the W. of Norway.

Barometer rises slowly in the SW. and briskly over North Germany, fallen elsewhere. Area of high readings over England and the N. of France with a large depression over the N. of Norway. Pressure giving way all day.

Meteorological Office,
116, *Victoria Street, Westminster, S.W.,*
ROBERT H. SCOTT, Secretary.

DAILY WEATHER REPORT 14TH DECR 1879.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29.60	30	SW	2	b	29.63	− .05	27	27	− 6	SE	2	o	*	37	23	—
Hernösand ...	29.94	38	S	4	o	29.89	− .23	43	40	+ 12	SSW	2	c	*	?	5	—
Stockholm ...	30.19	31	W	4	o	30.07	− .43	31	31	+ 12	W	2	b	*	32	5	—
Wisby	30.17	33	WSW	6	o	30.04	− .45	37	36	+ 8	W	6	b	*	?	27	—
Christiansund...	29.99	47	WSW	9	c	29.73	− .44	47	44	+ 5	SW	7	o	6	?	37	—
Skudesnaes ...	30.31	42	SSE	4	rf	30.12	− .40	43	43	+ 2	S	6	rf	4	43	41	0.08
Oxö (Xtiansund) ...	30.34	41	WSW	4	o	30.17	− .37	41	41	+ 5	WSW	4	o	2	41	?	—
Skagen (The Skaw)	30.28	39	W	8	be	30.19	− .35	40	39	+ 7	WNW	7	o	6	?	28	—
Fanö	30.46	37	W	4	c	30.36	− .32	37	37	+ 8	WSW	4	o	*	37	28	—
Cuxhaven ...	30.73	30	SW	2	c	30.54	− .24	29	29	0	SW	3	o	*	30	27	—
Sumburgh Head	30.16	48	SW	6	r	29.89	− .45	47	47	+ 1	SW	7	r	6	49	43	0.17
Stornoway ...	30.19	48	WSW	6	o	29.94	− .42	50	50	+ 5	W	7	rg	6	50	45	0.12
Thurso																	
Wick	30.23	43	WNW	3	be	29.98	− .45	48	45	+ 6	W	3	o	1	48	40	—
Nairn	30.32	44	W	2	o	30.07	− .39	46	44	+ 4	W	4	c	2	49	42	—
Aberdeen ...	30.35	38	WSW	1	b	30.15	− .36	40	38	+ 12	SSW	2	c	1	40	28	—
Leith	30.49	40	NE	4	c	30.26	− .35	45	43	+ 7	NW	4	c	*	45	38	—
Shields	30.55	37	WSW	2	b	30.37	− .32	43	40	+ 12	WSW	2	b	1	43	30	—
Spurn Head ...	30.62	35	SSW	4	b	30.45	− .27	37	35	+ 1	S	4	o	3	38	33	—
York	30.61	34	S	2	b	30.45	− .29	37	36	+ 6	S	1	o	*	38	31	—
Nottingham ...	30.68	33	S	1	b	30.51	− .27	35	34	+ 3	SSW	2	o	*	38	29	—
Ardrossan ...	30.49	44	SSW	5	o	30.29	− .33	46	44	+ 2	SW	6	o	5	46	43	—
Mullaghmore ...	30.46	45	SW	5	o	30.40	− .17	47	46	+ 4	SW	6	og	5	48	39	—
Donaghadee ...	30.55	39	SW	2	b	30.39	− .28	43	43	+ 5	SW	2	o	1	43	32	—
Kingstown ...	30.60	42	S	1	c	30.45	− .23	48	45	+ 8	S	3	c	2	49	38	—
Holyhead ...	30.59	45	SSW	4	o	30.45	− .24	48	47	+ 9	SW	4	m	3	49	39	—
Liverpool (Bidston)	30.63	38	S	2	o	30.47	− .26	43	41	+ 16	S	2	o	1	43	27	—
Valentia	30.34	50	SSE	4	o	30.43	− .19	50	47	+ 3	SW	4	om	4	52	45	—
Roche's Point...	30.58	45	SSW	4	o	30.48	− .17	49	48	+ 3	SW	4	o	4	49	45	—
Pembroke ...	30.68	45	SSW	3	c	30.52	− .20	47	45	+ 5	SW	4	o	4	47	42	—
Scilly	30.71	43	SSW	5	c	30.60	− .12	46	45	+ 3	SW	4	o	3	46	41	—
Prawle Point ...	30.73	39	NNE	1	m	30.61	− .15	41	39	+ 8	NNW	1	m	2	43	33	—
Hurst Castle ...	30.73	36	NE	1	m	30.56	− .19	35	35	0	SE	1	m	3	38	34	—
Dover	30.73	36	Z	o	o	30.61	− .15	37	36	+ 1	WSW	1	o	1	38	33	0.01
London	30.72	32	W	1	bm	30.58	− .18	36	?	+ 2	WSW	1	o	*	39	30	?
Oxford	30.68	34	Z	o	o	30.59	− .20	34	33	+ 2	Z	o	o	*	37	32	—
Cambridge ...	30.71	34	NW	1	o	30.54	− .23	35	34	+ 1	SW	1	o	*	36	27	—
Yarmouth ...	30.71	34	Z	o	f	30.64	− .21	32	31	− 2	NSW	2	bcf	2	35	30	—
The Helder ...	*	*	*	*	*	30.55	− .21	37	36	+ 12	WSW	2	o	*	*	*	*
Cape Gris Nez	30.78	33	Z	o	o	30.65	− .11	32	32	− 3	S	3	m	1	36	32	—
Jersey	30.77	39	SSE	1	c	30.67	− .11	37	36	+ 2	WSW	2	ogm	2	44	35	—
Brest	30.74	35	E	1	b	30.65	− .10	35	35	+ 1	SE	1	b	2	41	34	—
Lorient	30.71	34	ESE	4	m	30.60	− .12	32	30	− 2	ESE	4	m	2	39	28	—
Rochefort ...	30.66	33	NE	1	m	30.59	− .08	22	21	− 4	ENE	4	m	2	? 36	14	—
Biarritz	30.61	32	E	4	b	30.57	− .02	28	27	− 2	E	5	o	2	41	23	—
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	30.66	− .11	20	?	− 10	Z	o	f	*	37	19	—
Charleville ...	?	6	E	1	b	?	?	?	1	?	E	?	?	*	35	− 3	—
Paris	30.73	32	?	2	*	30.66	− .08	21	20	− 14	NNE	3	c	*	*	*	—
Lyons	30.60	27	NNW	1	b	30.60	+ .01	18	17	− 10	NNW	1	c	*	33	18	—
Toulon	30.33	41	NE	4	b	30.38	+ .12	35	28	− 6	? E	5	b	5	45	34	—

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30.36	42	42	S	2	r	3
Sumburgh Head	30.24	46	45	SW	5	o	5
Stornoway ...	30.26	48	47	SW	7	r	6
Aberdeen ...	30.42	35	34	Z	o	om	1
Shields	30.61	38	37	WSW	2	o	2
Ardrossan ...	30.55	44	41	SSW	5	c	4
Mullaghmore ...	30.54	45	43	SSW	4	og	3
Holyhead... ...	30.65	43	41	SSW	4	o	3
Valentia ...	30.59	50	48	S	4	o	4
Scilly	30.72	45	43	SSW	5	c	4
Dover	30.75	36	35	SE	2	c	4
London ...	30.76	39	37	W	1	ogm	2
Yarmouth ...	30.73	34	34	Z	o	f	3
Jersey	30.77	43	39	ESE	1	bm	1
Rochefort ...	30.66	34	34	NE	5	m	2

Pressure is decreasing everywhere — most in the N. — and moderate gradients now exist over our N. and W. coasts. Calms are still reported in the SE. but moderate to fresh SW. breezes prevail in the W. and N., while temperature ranges from 50° at Valentia and 48° in the Shetlands to 34° at Yarmouth.

EXPLANATION OF COLUMNS.

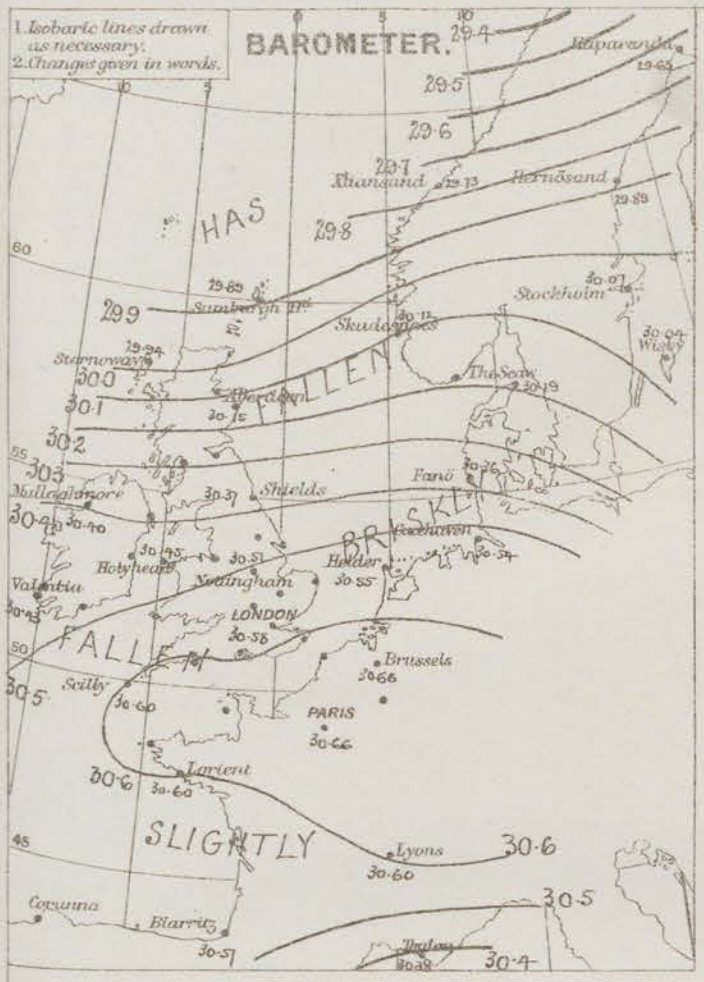
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

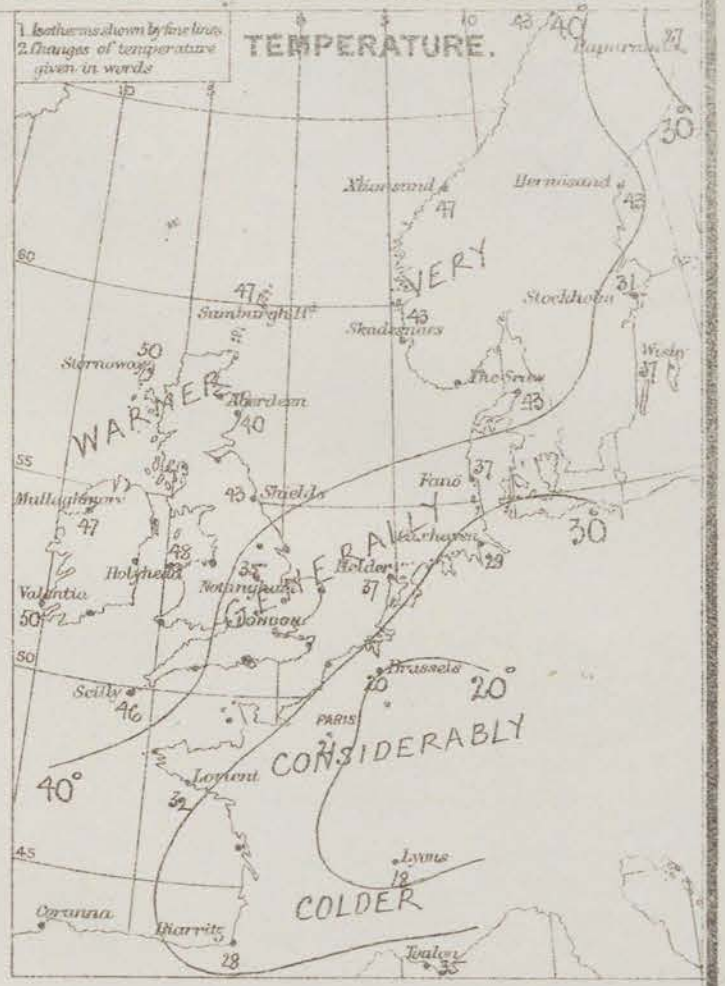
* AN ASTERISK is inserted in all places for which information is not usually received.

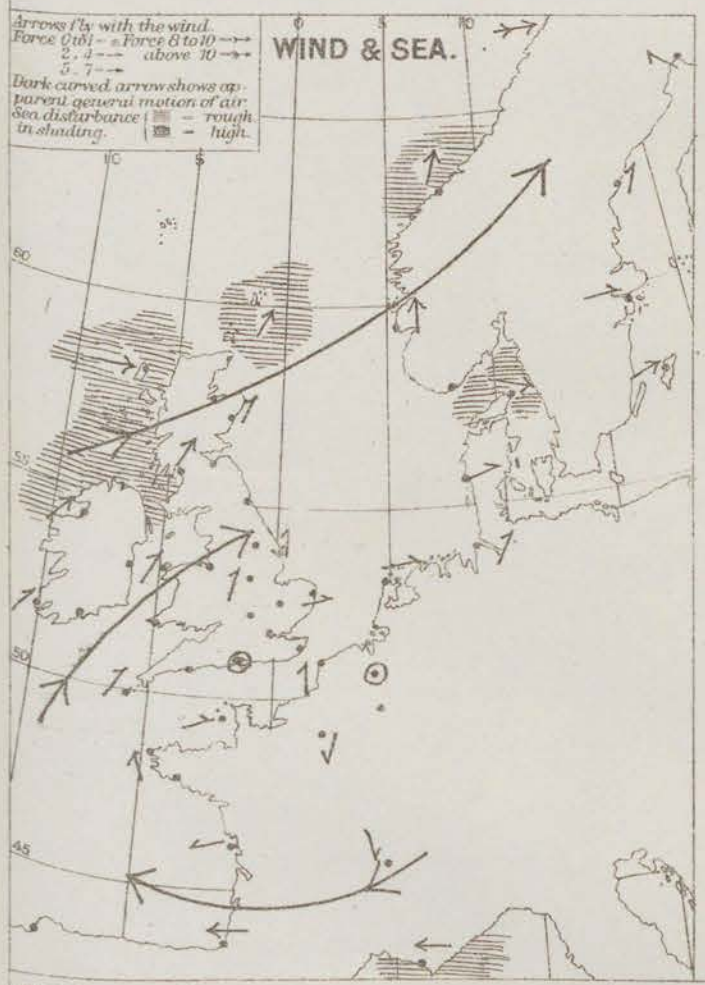
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

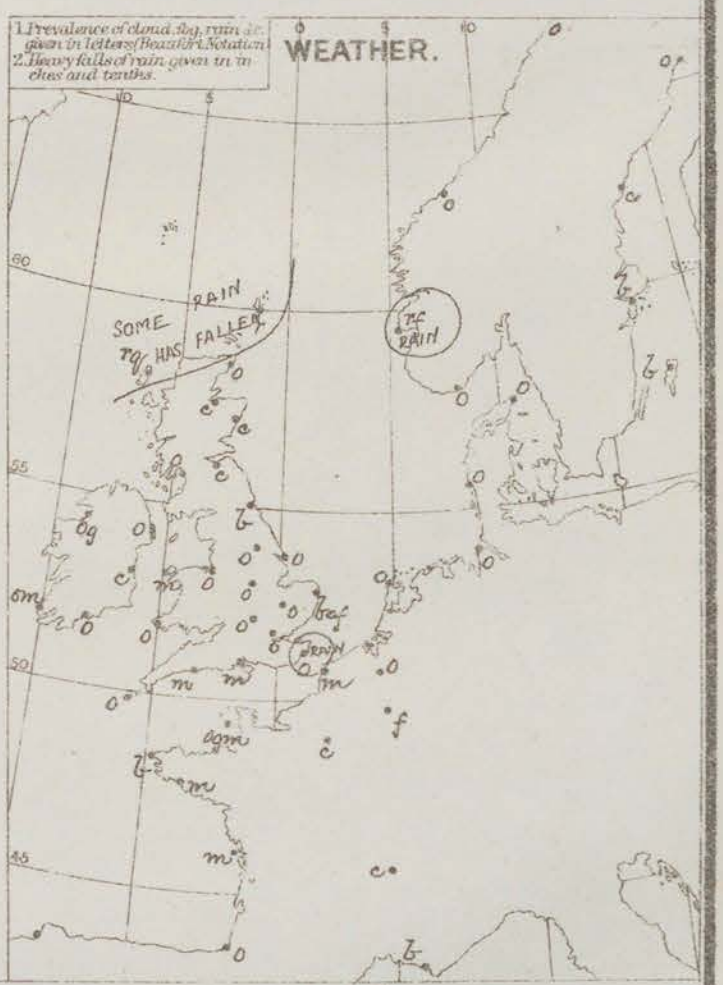
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS *for 8 a.m. on Sun day 14th Decr 1879.*









REMARKS. Weather this morning is fine over the Baltic, but overcast and gloomy over the rest of our area, with rain in the extreme N., with this exception it has remained very dull generally. Temperature has risen decidedly all over the United Kingdom, and to the E.ward of the North Sea, but fallen over France and the Netherlands where sharp frost prevails. Wind is light and variable in the S. of England, but a SW.ly current blows over our other districts and Scandinavia, while at the French stations it remains E.ly. Sea is rough on our N. and NW. coasts, moderate to smooth elsewhere.

Barometrical Indications. A brisk fall of the mercury has taken place over the whole of these Islands and Norway and Sweden, and depressions are passing E.ward from the Atlantic over Norway. Pressure remains high and uniform over our S.ern districts and France.

Subscription for these Charts payable in advance to cover delivery. | Delivery by hand 10/ per quarter. " book post 5/ " "

Meteorological Office.
116, Victoria Street, Westminster. S.W.

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT 15TH DECR 1879.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29·17	39	S	4	r	29·22	− ·41	34	32	+ 7	SW	6	b	*	39	27	0·24
Hernösand ...	29·61	40	SSW	2	r	29·69	− ·20	37	?	− 6	SW	4	b	*	46	34	—
Stockholm ...	29·93	37	WSW	4	o	29·94	− ·13	38	37	+ 7	WNW	4	o	*	?	28	—
Wisby	30·01	38	W	6	o	29·98	− ·06	39	38	+ 2	WSW	8	o	*	39	30	—
Christiansund...																	
Skudesnaes ...	30·02	44	WSW	4	r	30·12	·00	45	44	+ 2	WSW	4	bf	4	45	43	0·16
Oxö (Xtiansund) ...	30·09	42	WSW	6	f	30·10	− ·07	47	44	+ 6	WSW	4	c	2	?	32	—
Skagen (The Skaw)	30·09	40	W	5	r	30·12	− ·07	40	40	+ 0	W	5	f	2	41	34	0·04
Fanö	30·28	37	W	4	o	30·30	− ·06	39	39	+ 2	WSW	4	f	*	39	36	—
Cuxhaven ...	30·51	30	SW	2	o	30·44	− ·10	33	33	+ 4	SW	3	o	*	?	27	—
Sumburgh Head	29·85	50	WSW	6	r	30·02	+ ·13	50	48	+ 3	W	6	o	6	51	46	0·02
Stornoway ...	29·95	51	WSW	6	c	30·10	+ ·16	50	48	0	SW	5	o	5	52	48	—
Thurso																	
Wick	29·99	53	W	4	o	30·14	+ ·16	49	47	+ 1	SW	3	c	2	54	45	—
Nairn	30·05	50	WSW	2	bc	30·19	+ ·12	49	47	+ 3	WSW	1	o	2	52	46	—
Aberdeen ...	30·07	46	SSW	4	c	30·24	+ ·09	41	39	+ 1	SSW	1	b	1	50	39	—
Leith	30·22	48	WSW	5	o	30·32	+ ·06	47	46	+ 2	WNW	1	o	*	49	38	—
Shields	30·29	44	WSW	2	o	30·38	+ ·01	45	43	+ 2	WSW	1	om	1	46	40	—
Spurn Head ...	30·35	37	SSW	4	m	30·39	− ·06	39	38	+ 2	SW	2	c	4	40	35	—
York	30·38	41	SW	2	o	30·42	− ·03	39	38	+ 2	SW	1	c	*	42	36	—
Nottingham ...	30·46	39	Z	o	o	30·46	− ·05	38	38	+ 3	Z	o	f	*	39	35	—
Ardrossan ...	30·25	47	SW	5	b	30·33	+ ·04	48	46	+ 2	WSW	3	o	3	48	45	—
Mullaghmore ...	30·27	48	SW	5	og	30·33	− ·07	47	46	0	SW	5	og	4	51	45	—
Donaghadee ...	30·30	46	W	5	b	30·38	− ·01	43	43	0	W	3	bc	2	47	41	—
Kingstown ...	30·39	49	W	3	b	30·43	− ·02	49	45	+ 1	S	2	c	2	51	48	—
Holyhead ...	30·40	47	SW	3	b	30·42	− ·03	48	47	0	WSW	3	o	2	50	46	—
Liverpool (Bidston)	30·49	43	SW	3	b	30·44	− ·03	43	41	0	S	1	m	1	46	43	—
Valentia	30·41	51	SSW	4	og	30·41	− ·02	49	46	− 1	SSE	4	o	4	52	49	—
Roche's Point...	30·43	46	SW	4	o	30·44	− ·04	47	45	− 2	SW	4	o	4	50	46	—
Pembroke ...	30·49	48	WSW	3	o	30·48	− ·04	48	45	+ 1	WSW	1	o	2	48	46	—
Scilly	30·56	47	WSW	4	o	30·52	− ·08	46	44	0	Z	o	o	3	48	45	—
Prawle Point ...	30·54	44	WNW	2	o	30·51	− ·10	44	42	+ 3	WNW	1	o	2	45	40	—
Hurst Castle ...	30·55	40	W	2	m	30·49	− ·07	39	39	+ 4	W	2	c	1	41	35	0·01
Dover	30·54	40	W	1	cm	30·47	− ·14	41	40	+ 4	WSW	2	cg	1	43	36	—
London	30·52	38	SW	1	o	30·47	− ·11	38	37	?	S	1	omg	*	40	33	—
Oxford	30·52	39	W	1	o	30·48	− ·11	38	37	+ 4	W	1	o	*	40	34	0·02
Cambridge ...	30·48	37	SW	1	o	30·46	− ·08	37	36	+ 2	SW	1	o	*	39	34	—
Yarmouth ...	30·46	35	WSW	2	of	30·43	− ·11	37	37	+ 5	W	2	f	2	37	31	0·02
‡ The Helder ...	*	*	*	*	*	30·43	− ·12	38	37	+ 1	SSW	1	f	*	*	*	*
Cape Gris Nez	30·58	35	S	1	f	30·49	− ·16	37	37	+ 5	SSW	3	m	2	37	32	—
Jersey	30·63	38	W	2	o	30·55	− ·12	41	39	+ 4	W	2	om	2	41	36	—
Brest	30·63	37	ESE	1	o	30·53	− ·12	37	34	+ 2	SE	2	o	3	43	34	—
Lorient	30·58	44	ESE	4	m	30·48	− ·12	30	28	− 2	E	4	m	2	36	27	—
Rochefort ...	30·35	27	E7'	7	b	30·48	− ·11	23	20	+ 1	ENE	5	b	2	45	22	—
Biarritz	30·47	32	NNE	3	o	30·39	− ·18	25	19	− 3	SE	4	f	3	39	? 19	—
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	30·52	− ·14	28	28	+ 8	SW	1	f	*	29	?	—
Charleville ...	?	3	NE	1	b	?	?	17	?	?	E	1	o	*	?	− 3	—
Paris	30·65	20	?	1	o	30·55	− ·11	25	24	+ 4	NE	1	f	*	*	*	—
‡ Lyons	30·56	14	NE	1	b	30·53	− ·07	7	6	− 11	ENE	1	b	*	24	6	—
Toulon	30·37	36	E	3	b	30·34	− ·04	34	31	− 1	NE	5	b	5	41	32	—

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30·04	43	43	SSW	6	rf	5
Sumburgh Head							
Stornoway ...							
Aberdeen ...							
Shields							
Ardrossan ...							
Mullaghmore ...							
Holyhead... ...							

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valentia ...							
Scilly							*
Dover							
London ...							
Yarmouth ...							
Jersey... ...							
Rochefort ...	30·54	35	31	ENE	5	b	2

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

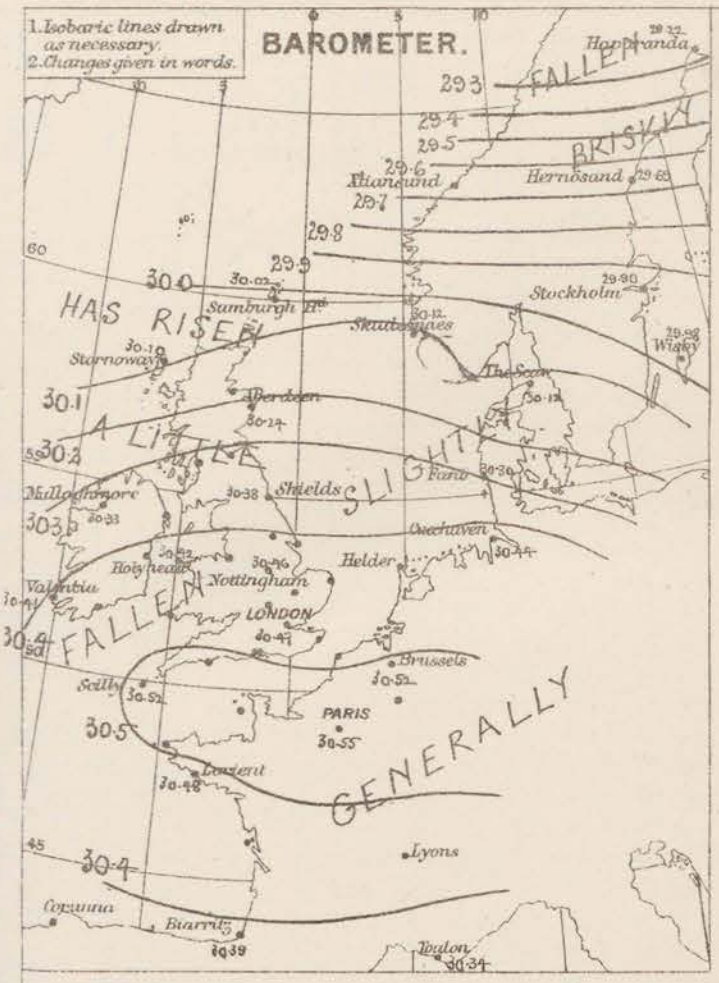
* AN ASTERISK is inserted in all places for which information is not usually received.

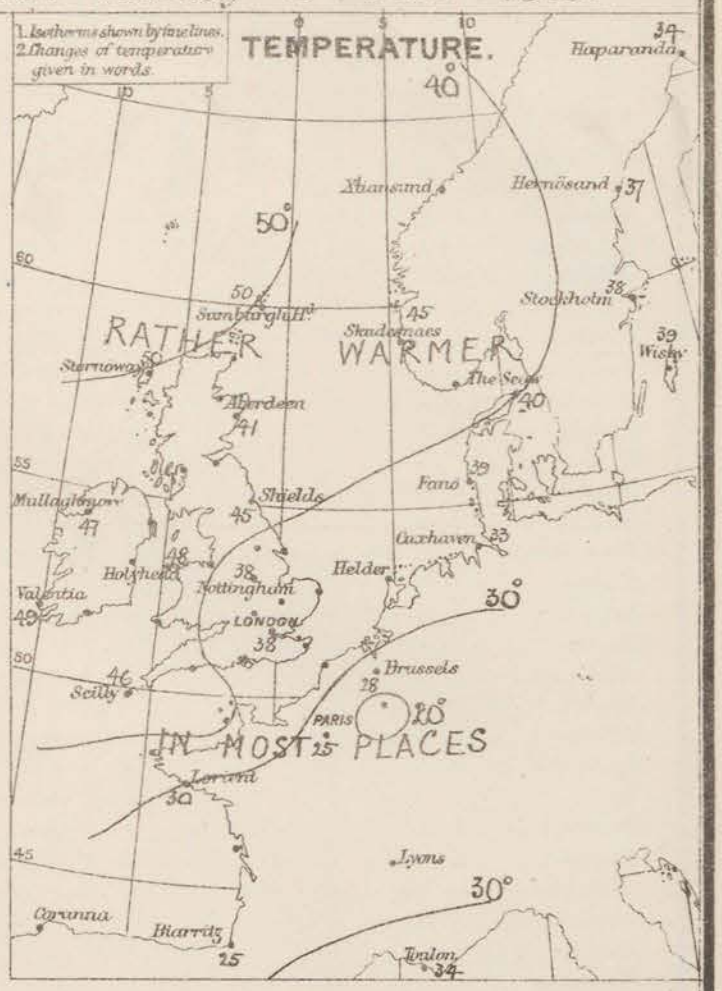
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

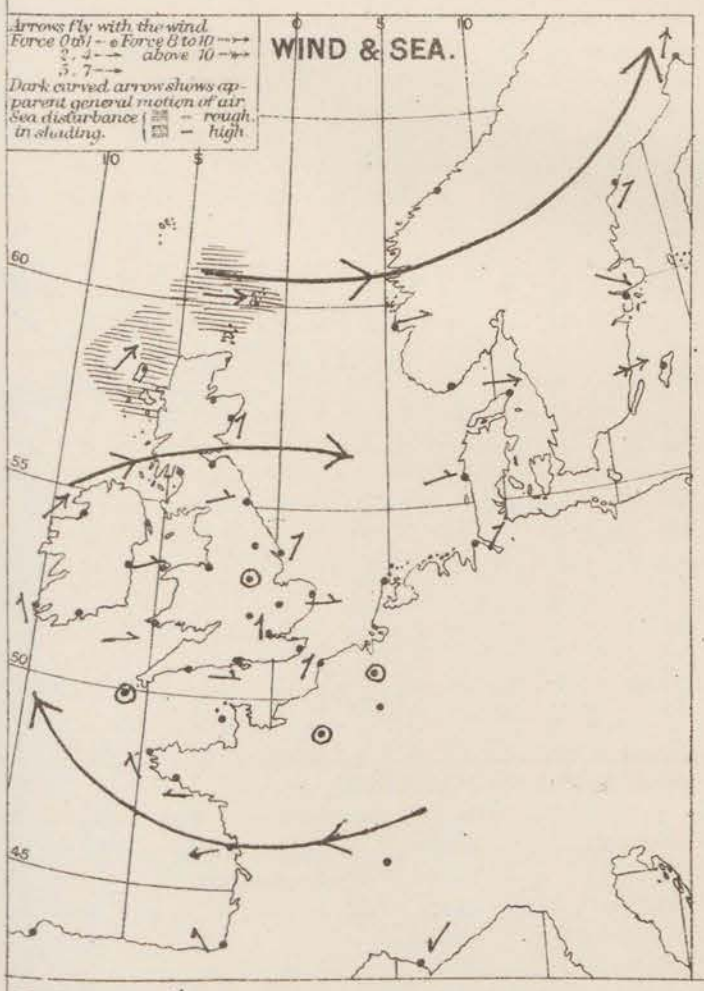
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

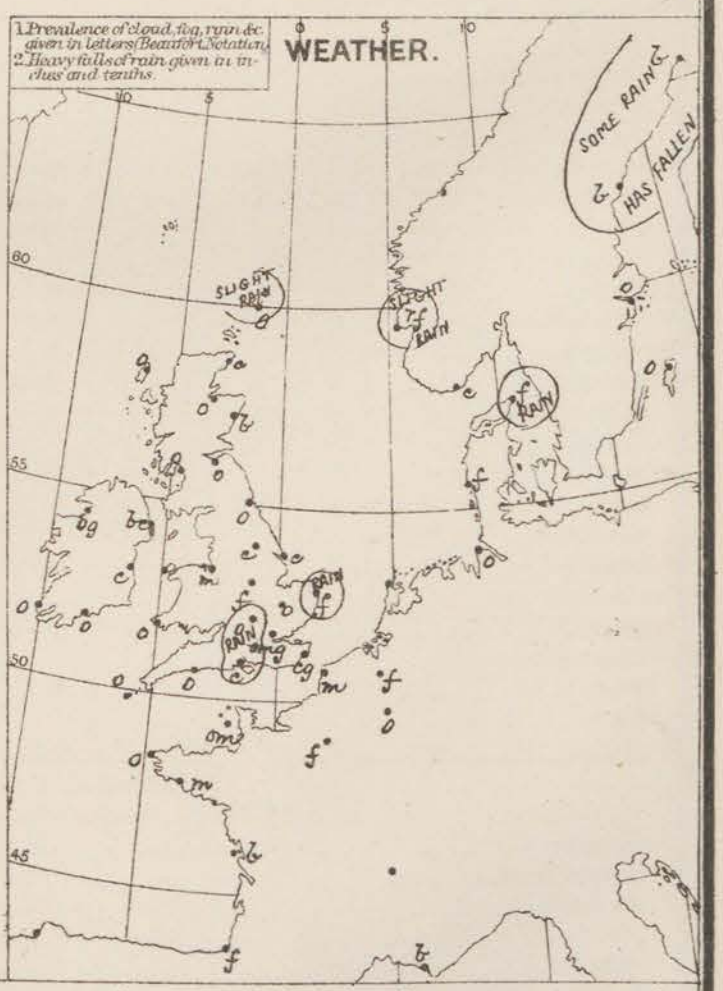
‡ Received too late for insertion in Charts.

WEATHER CHARTS *for 8 a.m. on Monday 15th Decr. 1879.*









REMARKS. Weather is dull and gloomy in almost all parts of the United Kingdom, with fog and haze over several of the Midland and S.E. counties, as well as on the E. shores of the North Sea. In the N. of Sweden and in some parts of France the sky is clear. Lightning was seen at Pembroke at 6 a.m. to-day. Temperature continues to increase over our S.E. and Midland counties, where, however, it is still much lower than on our extreme N. and W. coasts. This morning's reading at Cambridge is 37°, while at Valentia the thermometer stands at 49°, and at Stornoway and Sumburgh Head 50. Wind is moderate from the S. in Ireland, light from S.W. to W. over Scotland, and very light from the W. over the greater part of England. At the Swedish and Norwegian stations it is fresh from the S.W., while in the W. of France it is E. Sea is smooth both at Dover and Holyhead, moderate off the W. of Ireland, rough at Sumburgh Hd. and Stornoway. Barometrical indications. A rise of the barometer has taken place at the N. stations, but a further fall in the S. during the night. Pressure varies from 30.55 ins. over the N. of France to 29.22 ins. in the N. of Sweden, but the gradients are moderate over the British Isles and North Sea.

Warnings. The Signals hoisted in the N. and NW. yesterday have been lowered this morning.

Subscription for these Charts payable in advance to cover delivery. { Delivery by hand 10/- per quarter; book post 5/- " "

Meteorological Office.
176, Victoria Street, Westminster, S.W.

R. H. SCOTT.
Secretary.

Dangerfield Lith. 22 Bedford St. Covt. Garden

DAILY WEATHER REPORT 16th DECR 1879.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29.87	31	W	6	b	29.80	+ .58	28	28	— 6	W	4	o	*	36	27	—
Hernösand ...	29.96	36	SW	2	b	29.89	+ .20	42	40	+ 5	Z	o	o	*	45	32	—
Stockholm ...	30.14	36	SW	2	f	30.17	+ .23	39	35	+ 1	W	2	o	*	39	32	—
Wisby	30.12	35	W	6	b	30.19	+ .21	41	40	+ 2	W	6	b	*	41	34	—
Christiansund ...	29.89	49	WSW	9	o	29.94	+ .06	48	45	+ 5	WSW	9	c	7	50	36	0.71
Skudesnaes ...	30.29	44	SSE	2	o	30.33	+ .21	42	42	— 3	SSW	4	r	3	45	?	0.08
Oxö (Christiansund) ...	30.30	43	WSW	4	f	30.34	+ .24	42	41	— 5	WSW	4	f	?	?	?	—
Skagen (The Skaw)	30.27	41	W	5	f	30.36	+ .24	40	40	0	W	5	f	2	41	32	0.04
Fanö	30.45	39	WSW	4	f	30.51	+ .21	36	36	— 3	SW	1	f	*	39	36	0.08
Cuxhaven ...	30.55	33	SW	1	o	30.60	+ .16	30	30	— 3	SW	1	f	*	?	28	—
Sumburgh Head	30.09	49	WSW	7	o	30.12	+ .10	45	44	— 5	WSW	3	b	4	51	43	—
Stornoway ...	30.15	50	SW	5	c	30.05	— .05	46	45	— 4	WSW	8	o	6	50	45	—
Thurso																	
Wick	30.19	40	SW	3	b	30.12	— .02	43	42	— 6	SW	3	c	2	49	41	—
Nairn	30.25	46	WSW	3	c	30.19	.00	47	45	— 2	SW	1	c	1	51	46	—
Aberdeen ...	30.28	41	Z	o	bm	30.24	.00	42	40	+ 1	SSW	4	b	1	48	33	—
Leith	30.39	45	WSW	4	b	30.35	+ .03	34	33	— 13	SW	2	bc	*	50	31	—
Shields	30.29	44	WSW	2	o	30.41	+ .03	40	38	— 5	WSW	1	om	1	48	35	—
Spurn Head ...	30.43	40	W	2	f	30.45	+ .06	38	37	— 1	SE	4	f	4	41	36	—
York	30.45	41	SSW	1	o	30.45	+ .03	36	36	— 3	SSW	1	f	*	42	35	—
Nottingham ...	30.46	40	Z	o	o	30.48	+ .02	39	39	+ 1	S	1	o	*	43	37	—
Ardrossan ...	30.37	47	SSW	3	o	30.33	.00	46	44	— 2	SSW	4	o	3	48	45	—
Mullaghmore ...	30.33	47	SSW	5	b	30.26	— .07	43	42	— 4	SSW	6	b	4	49	39	—
Donaghadee ...	30.44	43	SW	2	bc	30.36	— .02	39	39	— 4	W	2	bc	1	48	38	—
Kingstown ...	30.46	43	Z	o	b	30.38	— .05	39	38	— 10	SE	1	bc	2	50	37	—
Holyhead ...	30.45	47	WSW	1	o	30.41	— .01	43	42	— 5	SSW	1	o	0	49	42	—
Liverpool (Bidston)	30.47	45	WSW	1	o	30.42	— .02	40	39	— 3	SE	3	m	1	46	38	—
Valentia	30.38	48	SSE	5	og	30.30	— .11	48	45	— 1	SSE	5	o	5	50	46	—
Roche's Point ...	30.44	45	SW	3	o	30.35	— .09	47	45	0	SSW	4	o	4	48	?	—
Pembroke ...	30.49	46	Z	o	o	30.41	— .07	44	44	— 4	SE	3	o	3	48	42	—
Scilly	30.50	44	Z	o	c	30.39	— .13	48	48	+ 2	E	4	o	3	48	44	0.01
Prawle Point ...	30.50	44	NNW	2	o	30.40	— .11	45	44	+ 1	ESE	4	o	4	46	41	—
Hurst Castle ...	30.47	40	E	1	m	30.46	— .03	35	35	— 4	ESE	3	bc	2	40	35	0.01
Dover	30.48	40	SW	1	om	30.50	+ .03	31	30	— 10	S	2	b	1	41	30	0.02
London	30.48	39	Z	o	f	30.49	+ .02	32	31	— 6	SSE	1	om	*	43	32	—
Oxford	30.48	38	Z	o	of	30.49	+ .01	36	36	— 2	Z	o	of	*	46	35	0.01
Cambridge ...	30.45	38	SW	1	o	30.49	+ .03	32	32	— 5	S	1	o	*	41	30	—
Yarmouth ...	30.47	37	Z	o	f	30.51	+ .08	32	31	— 5	Z	o	f	2	38	30	—
The Helder ...	*	*	*	*	*	30.56	+ .13	27	26	— 11	S	1	b	*	*	*	*
Cape Gris Nez	30.49	37	ESE	1	m	30.57	+ .02	21	21	— 16	Z	o	b	0	39	19	—
Jersey	30.48	34	NE	1	om	30.46	— .09	31	30	— 10	ESE	2	bm	2	44	31	—
Brest	30.47	38	N	3	o	30.41	— .12	37	36	0	ESE	1	b	2	39	36	—
Lorient	30.44	38	NE	4	m	30.38	— .10	27	24	— 3	ESE	5	m	2	?	27	—
Rochefort ...	30.37	31	NE	5	bc	30.38	— .10	19	19	— 4	SE	5	m	2	41	19	—
Biarritz	30.33	30	ENE	3	m	30.28	— .11	23	22	— 2	SE	5	f	3	36	21	—
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	30.53	+ .01	44	?	— 14	Z	o	f	*	34	13	—
Charleville ...														*			
Paris	30.45	27	?	1	o	30.52	— .03	18	?	— 12	NE	3	b	*	*	*	—
Lyons														*			
Toulon	30.24	36	N	3	b	30.27	— .07	43	36	+ 9	E	7	o	5	43	34	—

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30.24	45	44	NSW	4	rf	3	Valentia ...	30.41	49	46	S	4	o	4
Sumburgh Head	30.06	50	48	W	6	c	6	Scilly	30.51	47	46	SSW	2	o	4
Stornoway ...	30.12	50	47	SW	6	b	5	Dover	30.45	41	41	Z	o	om	1
Aberdeen ...	30.27	40	39	SSW	1	bm	1	London ...	30.46	43	41	W	1	ofg	*
Shields	30.41	48	46	WNW	1	o	1	Yarmouth ...	30.43	38	38	W	1	f	2
Ardrossan ...	30.36	47	45	SSW	4	b	3	Jersey	30.49	44	43	W	2	om	2
Mullaghmore ...	30.35	46	46	SSW	5	og	4	Rochefort ...	30.41	31	31	NE	5	bc	2
Holyhead	30.45	48	47	WSW	2	o	1								

A further but slight rise of the barometer is reported in the N., while in France the mercury is falling. The winds reported show no important change.

EXPLANATION OF COLUMNS.

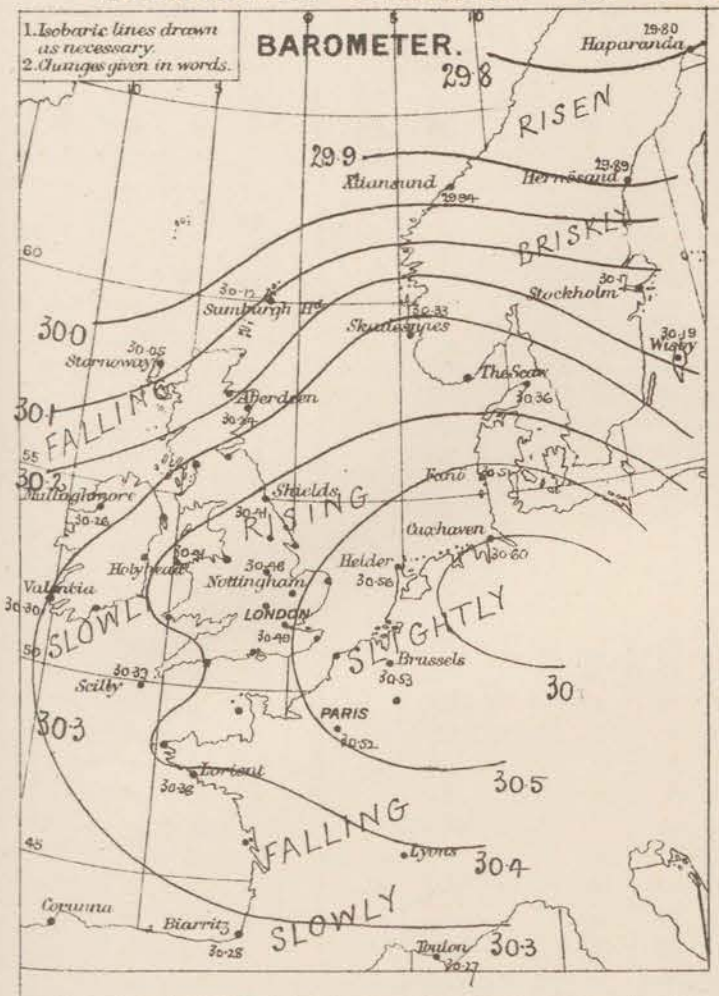
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

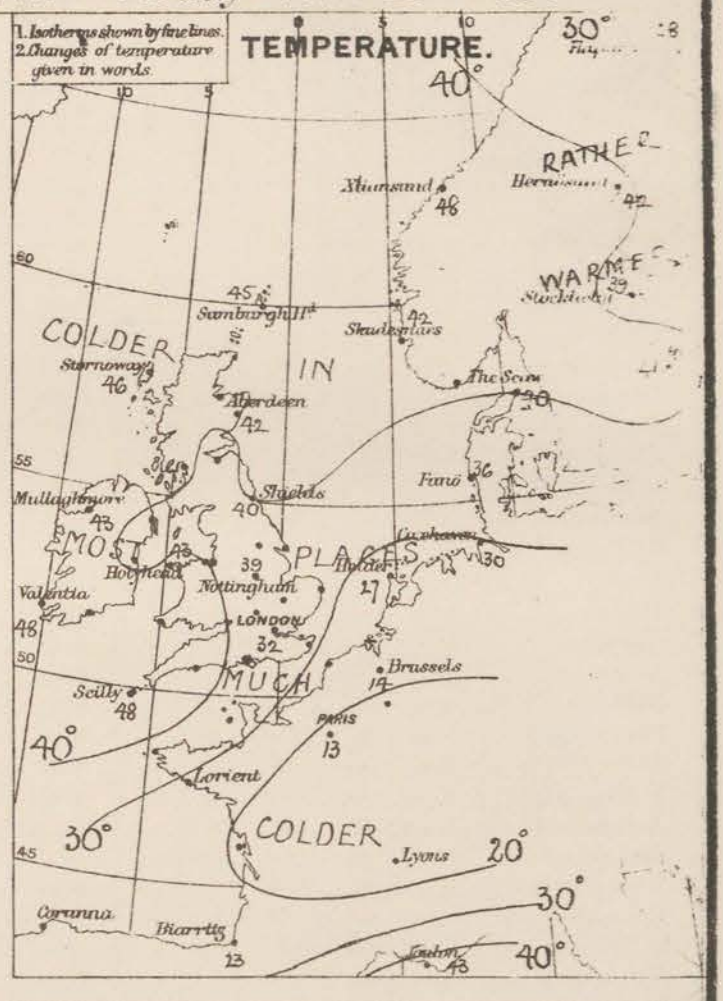
* AN ASTERISK is inserted in all places for which information is not usually received.

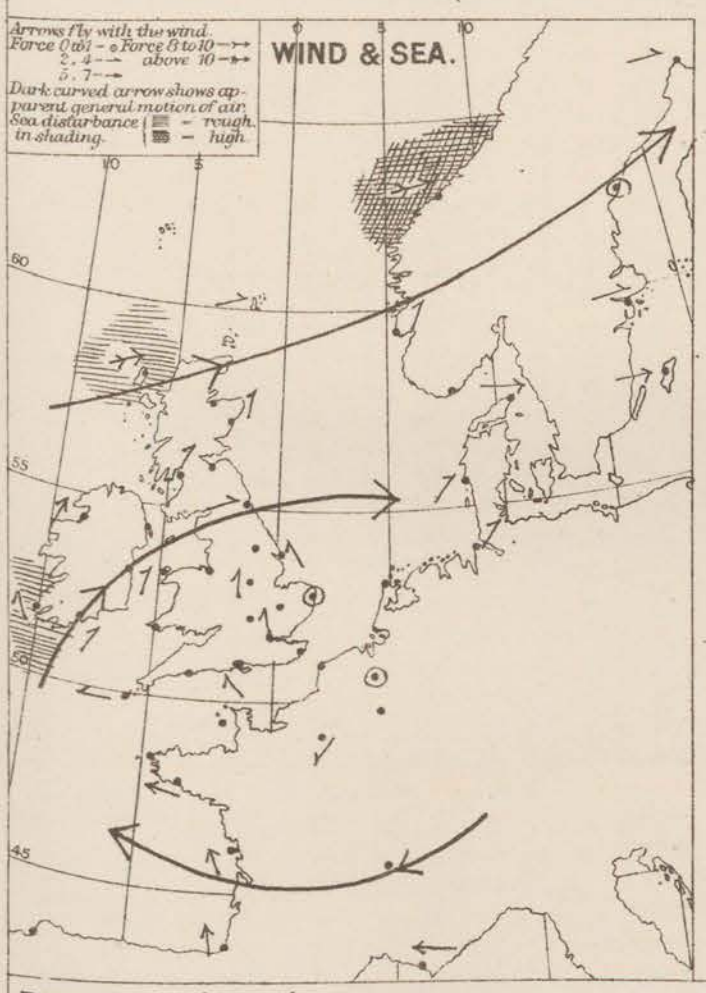
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

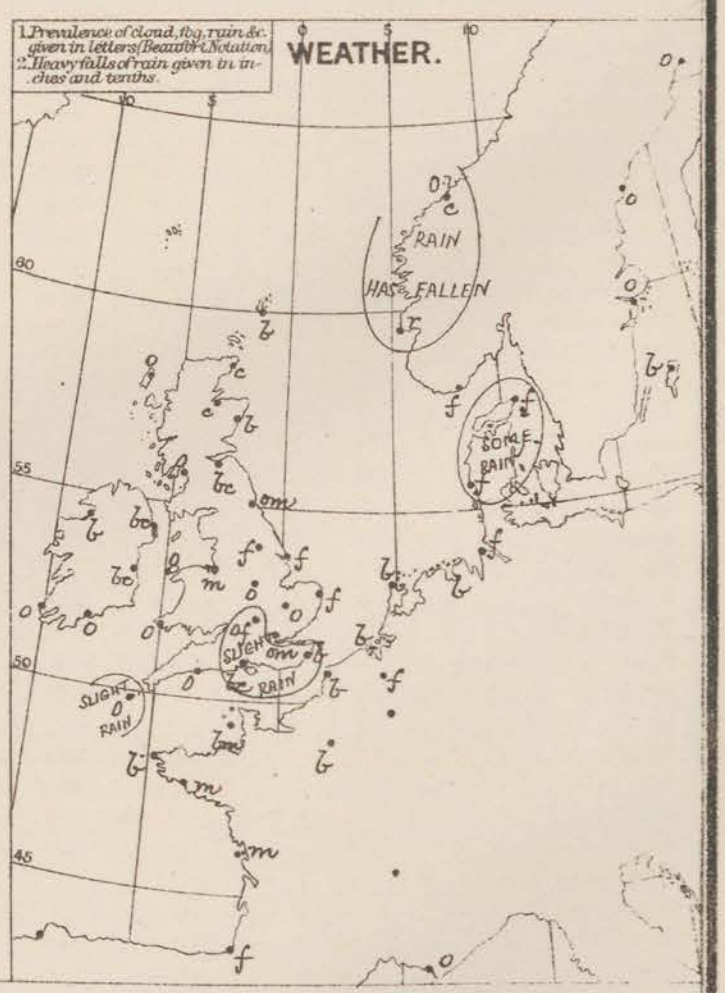
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS *for 8 a.m. on Tuesday 16th Decr 1879.*









REMARKS. Weather this morning varies a good deal in different parts of the country. Over England it is generally dull, and a considerable amount of fog prevails at the Midland and E.n stations, but in the N. of Ireland it has become clear, while in Scotland it remains fair. A great deal of fog was reported in the SE.n districts yesterday. Temperature has fallen again both over France and the SE. of England, and also (locally) at Leith. Hard frost prevails at the French stations this morning, and the thermometer is about 35° lower at Paris than at Valentia or Faro. Wind is E.ly over France, SE.ly over the Bay of Biscay, S.ly (and freshening) in Ireland and SW.ly at our N.n stations. Over England it is light from S. and SE. Sea is smooth in the Irish and English Channels, rather rough off the W. of Ireland, and rough off the N. of Scotland.

Barometrical Indications. Pressure is highest (and rising) at the N. Russian stations, and on our SE. coasts; lowest to the NW.d of Scotland, SW. of Ireland and the N. of Scandinavia. On our SW. coasts the barometer is falling as though a depression were approaching our NW. coasts from the Atlantic.

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Meteorological Office. 116, Victoria Street, Westminster, S.W.

R. H. SCOTT. Secretary.

DANCERFIELD & CO. 22 BEDFORD ST COVENT GARDEN

DAILY WEATHER REPORT DECR 17TH 1879.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29.65	29	SW	2	b	29.02	− .78	38	36	+ 10	SW	8	c	*	?	27	—
Hernösand ...	29.95	35	Z	0	b	29.81	− .08	45	37	+ 3	WNW	8	b	*	45	30	—
Stockholm ...	30.21	37	W	2	o	30.08	− .09	40	38	+ 1	SW	4	o	*	41	34	—
Wisby	30.17	39	WSW	4	b	30.20	+ .01	39	37	− 2	WSW	6	b	*	41	36	—
Christiansund ...	29.74	51	SW	4	b	30.07	+ .13	42	38	− 6	W	8	c	5	?	34	0.20
Skudesnaes ...	30.27	43	SSE	6	o	30.28	− .05	44	43	+ 2	W	4	o	4	44	?	—
Oxö (Christiansund) ...	30.36	42	SW	6	f	30.30	− .04	43	42	+ 1	WSW	6	f	2	43	39	—
Skagen (The Skaw)	30.39	40	W	5	f	30.35	− .01	38	37	− 2	WNW	6	o	3	41	32	0.04
Fanö														*			
Cuxhaven ...	30.61	29	SE	1	m	30.52	− .08	21	20	− 9	S	1	f	*	30	19	—
Sumburgh Head	29.95	46	SW	5	bc	30.29	+ .17	42	39	− 3	W	2	c	3	47	38	—
Stornoway ...	29.95	47	SW	8	r	30.34	+ .29	37	35	− 9	Z	0	b	0	47	35	0.10
Thurso																	
Wick	30.02	44	SSW	5	b	30.39	+ .27	39	38	− 4	SW	1	f	0	46	37	—
Nairn	30.11	44	SW	4	b	30.37	+ .18	42	40	− 5	Z	0	bc	0	47	39	—
Aberdeen ...	30.15	43	W	5	b	30.41	+ .17	41	40	− 1	Z	0	c	1	45	40	—
Leith	30.27	46	SW	3	c	30.44	+ .09	43	42	+ 9	WNW	1	? f	*	47	34	—
Shields	30.38	37	SW	2	f	30.49	+ .08	35	34	− 5	WSW	1	f	1	40	32	—
Spurn Head ...	30.44	34	SSE	3	b	30.53	+ .08	31	31	− 7	SW	3	cm	4	41	26	—
York	30.42	34	S	2	f	30.57	+ .12	31	31	− 5	S	1	f	*	40	30	0.01
Nottingham ...	30.48	33	SSW	2	o	30.60	+ .12	30	30	− 9	SW	1	of	*	41	30	—
Ardrossan ...	30.27	47	SW	3	o	30.43	+ .10	46	44	0	SSW	3	o	2	47	45	—
Mullaghmore ...	30.22	48	SSW	6	og	30.40	+ .14	47	46	+ 4	SW	5	o	4	48	? 45	—
Donaghadee ...	30.32	43	WSW	3	c	30.45	+ .09	44	43	+ 5	WSW	3	c	2	45	41	—
Kingstown ...	30.36	45	Z	0	b	30.51	+ .13	46	44	+ 7	S	2	c	2	48	38	—
Holyhead ...	30.38	45	SSW	4	o	30.53	+ .12	43	41	0	SSW	3	o	2	45	43	—
Liverpool (Bidston)	30.42	37	SSE	3	b	30.55	+ .13	33	32	− 7	ESE	2	m	1	42	31	—
Valentia	30.30	50	S	5	ong	30.45	+ .15	48	46	0	SSE	6	omg	5	52	48	—
Roche's Point ...	30.35	46	SSW	4	c	30.48	+ .13	45	42	− 2	SSW	4	b	4	49	44	—
Pembroke ...	30.41	44	SSE	4	bc	30.54	+ .13	35	35	− 9	ESE	1	cm	2	46	34	—
Scilly	30.40	45	ESE	5	bc	30.53	+ .14	42	40	− 6	E	1	bc	4	49	40	—
Prawle Point ...	30.46	38	E	3	b	30.55	+ .15	33	32	− 12	NNE	2	b	2	45	32	—
Hurst Castle ...	30.47	31	E	2	b	30.57	+ .11	27	27	− 8	NNE	2	f	1	38	22	—
Dover	30.50	26	SW	1	b	30.57	+ .07	23	22	− 8	NNE	3	of	1	31	18	—
London	30.51	29	Z	0	f	30.58	+ .09	23	?	− 9	NW	1	of	*	35	23	—
Oxford	30.70	29	S	1	o	30.61	+ .12	23	23	− 13	Z	0	of	*	37	23	—
Cambridge ...	30.49	29	Z	0	o	30.55	+ .09	25	25	− 7	Z	0	o	*	33	22	—
Yarmouth ...	30.47	34	SE	1	b	30.57	+ .06	28	22	− 9	Z	0	fb	2	37	22	—
The Helder ...	*	*	*	*	*	30.52	− .04	18	17	− 9	SSE	1		*	*	*	*
Cape Gris Nez	30.50	19	SE	1	b	30.55	+ .04	28	27	+ 7	NNE	4	o	3	32	18	—
Jersey	30.49	31	ESE	1	bm	30.56	+ .10	34	33	+ 3	NE	2	bm	1	34	30	—
Brest	30.47	35	SE	3	b	30.49	+ .08	31	26	− 6	NE	3	b	3	41	30	—
Lorient	30.42	29	SE	4	m	30.50	+ .12	30	28	+ 3	SE	4	m	2	37	25	—
Rochefort ...	30.38	32	NE	4	bc	30.43	+ .05	23	20	+ 4	NE	5	bc	2	43	?	—
Biarritz	30.31	36	ESE	4	b	30.36	+ .08	36	32	+ 13	SSW	1	bc	1	41	?	—
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	30.56	+ .03	11	10	− 3	Z	0	f	*	24	6	—
Charleville ...														*			
Paris	30.52	15	?	1	b	30.57	+ .05	4	3	− 9	NE	1	b	*	*	*	—
Lyons	30.51	12	NE	1	b	30.28	− .14	4	4	− 8	?	1	b	*	?	?	—
Toulon	30.26	50	E	5	c	30.22	− .05	50	? 37	+ 7	NE	3	b	5	50	34	—

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30.28	43	42	SSE	6	of	3
Sumburgh Head	29.99	46	44	SW	3	b	3
Stornoway ...	29.96	46	45	SW	9	o	7
Aberdeen ...	30.17	44	41	S	7	b	3
Shields	30.38	39	38	SW	2	c	1
Ardrossan ...	30.25	46	45	SSW	4	o	3
Mullaghmore ...	30.22	47	46	SSW	5	c	4
Holyhead	30.38	46	44	SSW	4	c	3

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valentia ...	30.27	50	46	S	6	og	5
Scilly	30.40	49	47	SE	5	c	4
Dover	30.49	28	27	SSW	2	b	1
London ...	30.60	34	33	Z	0	fog	*
Yarmouth ...	30.49	37	35	SE	2	b	2
Jersey	30.48	31	30	SE	2	bf	2
Rochefort ...	30.37	31	30	SE	4	bc	2

The barometer still falls in the N. and W., and the wind is increasing from the S^ward or SW^ward in both those regions. At Stornoway a strong gale is reported.
Our N^r coasts have been warned this afternoon.

EXPLANATION OF COLUMNS.

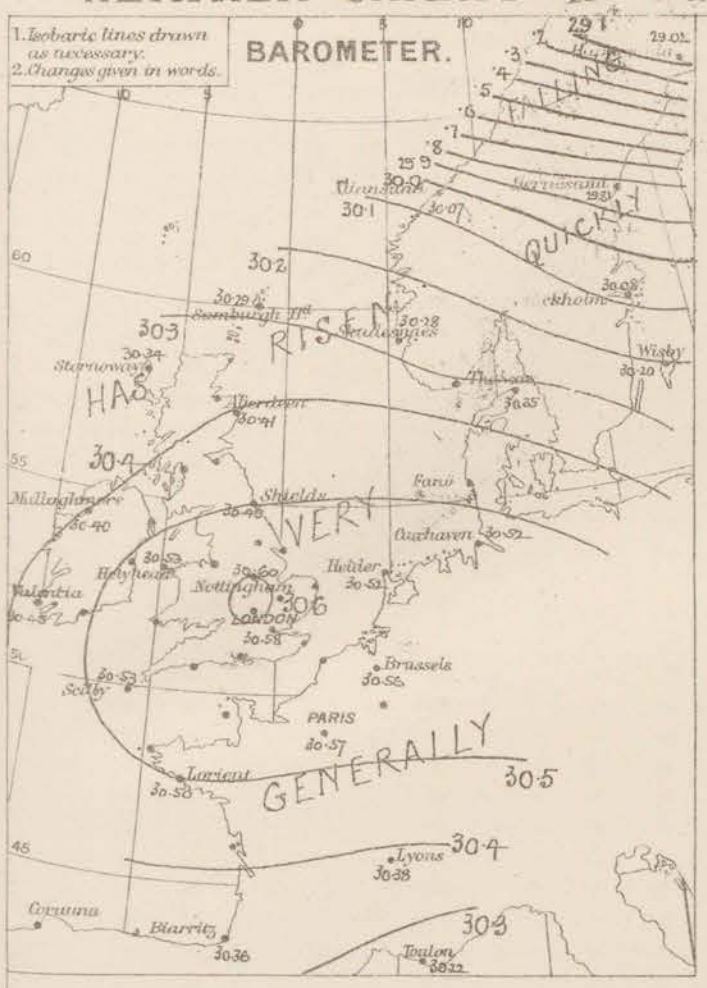
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

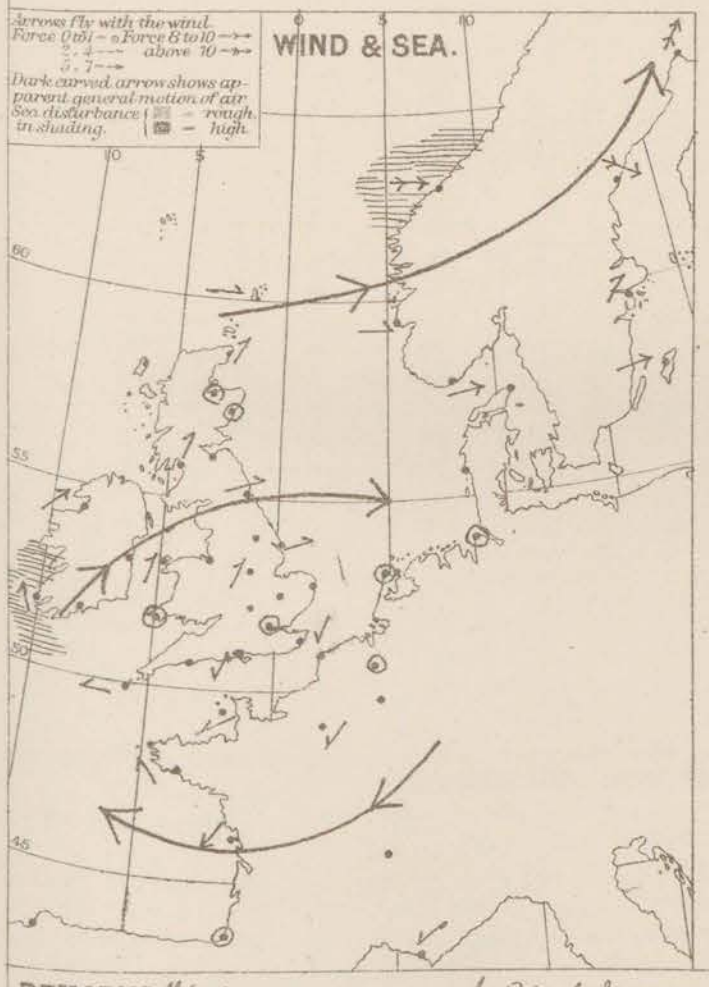
* AN ASTERISK is inserted in all places for which information is not usually received.

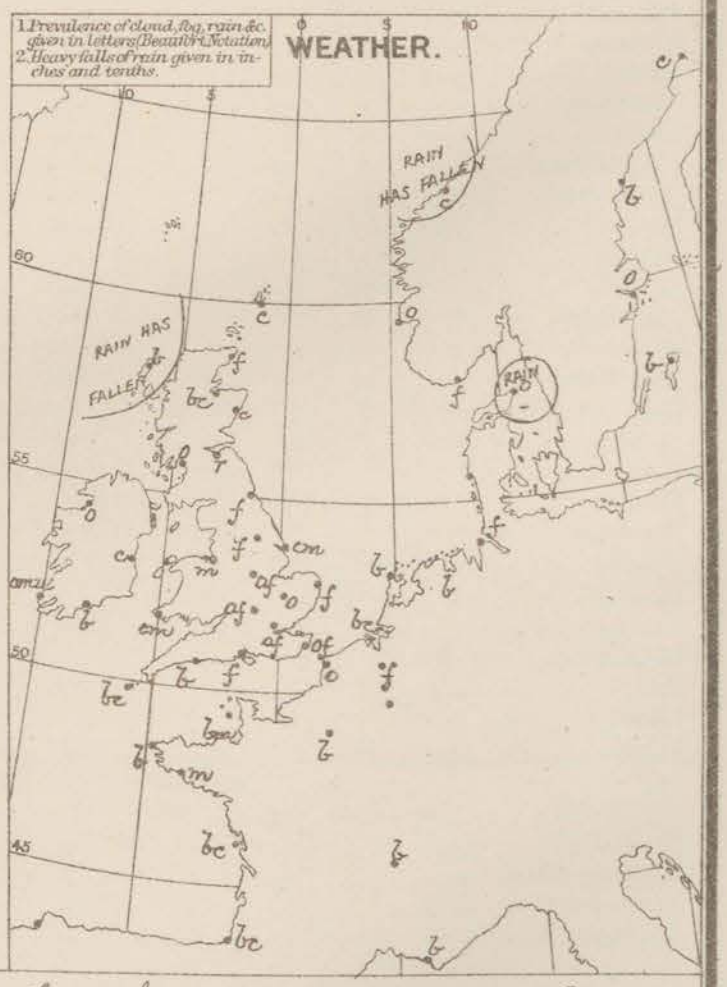
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m. on Wednesday 17th Decr. 1879.







REMARKS. Weather to-day is dry over the British Isles generally, but rough and unsettled in Norway and Sweden; fog is very prevalent over England, and a threatening appearance is reported at Valentia. Thick fog has been prevalent in many parts of England during the past day. Temperature is decreasing over Great Britain; sharp frost prevails this morning over our S.E. and Midland counties, and appears to be extending N.W. The thermometer stands at 25° at Dover, Oxford and in London, i.e. 25° lower than in the W. of Ireland. At Paris and Lyons the thermometer is as low as 4° F. Wind is very light in all parts of the United Kingdom, chiefly N.E. in the S., S.E. in the W., and S.W. in the N. In Norway and Sweden gales and W. breezes are reported. Sea is smooth or nearly so, except off the W. coast of Ireland.

Barometrical Indications. In the course of the past night the barometer has risen quickly at our N. stations, and readings are becoming very uniformly high over the United Kingdom – highest of all (30.60 ins.) over our Midland counties. A deep depression lies over the extreme N. of Scandinavia.

Warnings. The signals hoisted in the N. yesterday have been lowered this morning.

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Meteorological Office. 116, Victoria Street, Westminster. S.W.

R. H. SCOTT. Secretary.

Dangerfield Lith. 22 Bedford St. Covent Garden

DAILY WEATHER REPORT DECR 18TH 1879.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29·85	25	NW	2	b	29·97	+ ·95	17	17	− 21	Z	0	bc	*	?	16	—
Hernösand ...	30·11	35	SW	4	o	30·28	+ ·47	37	31	− 8	WNW	6	c	*	45	28	—
Stockholm ...	30·38	33	W	2	c	30·43	+ ·35	31	30	− 9	NW	2	bc	*	41	28	—
Wisby	30·20	38	W	4	b	30·34	+ ·14	37	37	− 2	NW	6	bc	*	41	34	—
Christiansund...	30·34	41	W	7	r	30·50	+ ·43	40	38	− 2	SW	3	o	5	?	32	0·04
Skudesnaes ...	30·51	41	NNE	1	bc	30·59	+ ·31	39	38	− 5	Z	0	o	2	45	?	—
Oxö (Xtiansund) ...	30·47	39	W	1	m	30·54	+ ·24	35	33	− 8	NNW	2	bc	1	45	32	—
Skagen (The Skaw)	30·47	38	W	4	f	30·54	+ ·19	33	?	− 5	WNW	2	f	0	39	28	—
Fanö	30·56	29	Z	0	b	30·60	+ ·11	35	35	+ 8	WSW	1	o	*	?	27	0·04
Cuxhaven ...	30·58	29	S	1	m	30·62	+ ·10	30	30	+ 9	NE	1	b	*	?	19	—
Sumburgh Head	30·48	42	SW	3	r	30·49	+ ·20	47	44	+ 5	WSW	3	c	3	47	38	0·02
Stornoway ...	30·39	46	SW	3	o	30·44	+ ·10	43	41	+ 6	SSW	6	bc	5	47	? 37	—
Thurso																	
Wick	30·48	44	SSW	2	o	30·52	+ ·13	41	40	+ 2	S	2	bc	1	45	37	—
Nairn	30·50	41	Z	0	o	30·55	+ ·18	38	36	− 4	Z	0	b	1	43	37	0·03
Aberdeen ...	30·52	41	Z	0	m	30·58	+ ·17	34	33	− 7	Z	0	b	1	46	31	—
Leith	30·58	42	SW	1	b	30·64	+ ·20	31	30	− 12	WSW	1	b	*	50	28	—
Shields	30·59	44	W	1	o	30·60	+ ·11	38	37	+ 3	NW	2	c	1	46	35	—
Spurn Head ...	30·58	35	WNW	3	c	30·62	+ ·09	39	38	+ 8	W	2	f	2	43	31	—
York	30·61	35	ESE	1	f	30·67	+ ·10	32	32	+ 1	N	1	c	*	37	29	—
Nottingham ...	30·63	34	S	1	o	30·66	+ ·06	38	38	+ 8	NE	1	o	*	38	30	—
Ardrossan ...	30·56	47	SW	4	c	30·63	+ ·20	41	40	− 5	SE	1	o	1	47	39	—
Mullaghmore ...	30·50	45	S	5	b	30·56	+ ·16	39	38	− 8	SSW	2	b	3	49	38	—
Donaghadee ...	30·62	39	SW	2	b	30·65	+ ·20	31	31	− 13	SSW	2	bc	1	46	29	—
Kingstown ...	30·61	42	S	1	b	30·66	+ ·15	34	34	− 12	S	1	cf	1	47	32	—
Holyhead ...	30·60	40	SSW	1	b	30·65	+ ·12	35	34	− 8	SSW	2	b	1	46	34	—
Liverpool (Bidston)	30·64	37	ESE	1	m	30·67	+ ·12	36	36	+ 3	Z	0	f	1	41	33	—
Valentia	30·53	48	SSE	4	bc	30·57	+ ·12	46	44	− 2	SSE	4	dm	4	50	45	—
Roche's Point...	30·58	45	SSW	3	c	30·59	+ ·11	43	41	− 2	SSW	3	bc	3	48	40	—
Pembroke ...	30·64	37	ENE	1	b	30·64	+ ·10	34	34	− 1	ESE	1	bm	2	39	32	—
Scilly	30·58	45	SE	3	b	30·60	+ ·07	44	42	+ 2	ENE	5	c	4	50	41	—
Prawle Point ...	30·60	36	NNE	3	m	30·56	+ ·01	35	34	+ 2	NNE	4	b	4	50	32	—
Hurst Castle ...	30·59	29	NE	2	f	30·58	+ ·01	31	31	+ 4	ENE	3	f	2	35	25	—
Dover	30·58	31	NE	4	dm	30·53	− ·04	39	38	+ 16	NE	4	b	2	39	23	—
London	30·62	29	E	1	f	30·59	+ ·01	34	34	+ 11	Z	0	dfg	*	34	22	—
Oxford	30·63	27	Z	0	o	30·65	+ ·04	30	30	+ 7	Z	0	df	*	30	23	—
Cambridge ...	30·60	28	Z	0	f	30·62	+ ·04	32	31	+ 7	Z	0	f	*	32	23	—
Yarmouth ...	30·58	31	WNW	1	f	30·61	+ ·04	37	36	+ 14	NE	3	bc	3	37	22	0·02
The Helder ...	*	*	*	*	*	30·58	+ ·06	28	28	+ 10	NNE	1	b	*	*	*	*
Cape Gris Nez	30·54	35	NE	7	o	30·52	− ·03	37	37	+ 9	NE	5	b	4	?	27	—
Jersey	30·58	37	NE	2	bm	30·50	− ·06	40	37	+ 6	NE	4	cm	3	42	34	—
Brest	30·57	38	ENE	1	b	30·52	+ ·03	41	38	+ 10	E	4	o	2	48	?	—
Lorient	30·50	37	ENE	3	m	30·40	− ·10	37	35	+ 7	NE	5	m	3	43	?	—
Rochefort ...	30·41	28	NE	7	b	30·34	− ·09	26	25	+ 3	NE	7	o	2	43	?	—
Biarritz	30·35	46	NNW	5	b	30·32	− ·04	33	30	− 3	E	3	o	3	48	28	—
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	30·55	− ·01	13	?	+ 2	E	1	b	*	25	12	—
Charleville ...	?	20	E	1	b	?	?	8	?		NE	1	m	*	28	?	—
Paris	30·48	25	?	2	b	30·53	− ·04	20	19	+ 16	NE	1	b	*	*	*	—
Lyons														*			
Toulon	30·19	46	E	5	c	30·28	+ ·06	45	40	− 5	E	8	c	7	55	41	—

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30·44	41	40	WNW	1	of	2
Sumburgh Head	30·44	41	39	W	1	bc	2
Stornoway ...	30·39	41	40	Z	0	o	0
Aberdeen ...	30·47	43	42	Z	0	cm	1
Shields	30·34	44	42	W	1	c	1
Ardrossan ...	30·51	47	46	SW	5	c	4
Mullaghmore ...	30·47	49	46	SW	5	b	4
Holyhead... ...	30·58	45	43	SSW	2	b	2
Valentia ...	30·49	49	45	SE	4	c	5
Scilly	30·57	50	47	SE	2	b	4
Dover	30·55	25	24	N	4	cm	2
London ...	30·60	30	29	ENE	1	of	*
Yarmouth ...	30·55	29	28	WNW	2	f	2
Jersey	30·56	41	40	NNE	2	bm	2
Rochefort ...	30·38	36	30	NE	4	b	2

No important change has occurred since the morning excepting the clearing of the sky in some places

EXPLANATION OF COLUMNS.

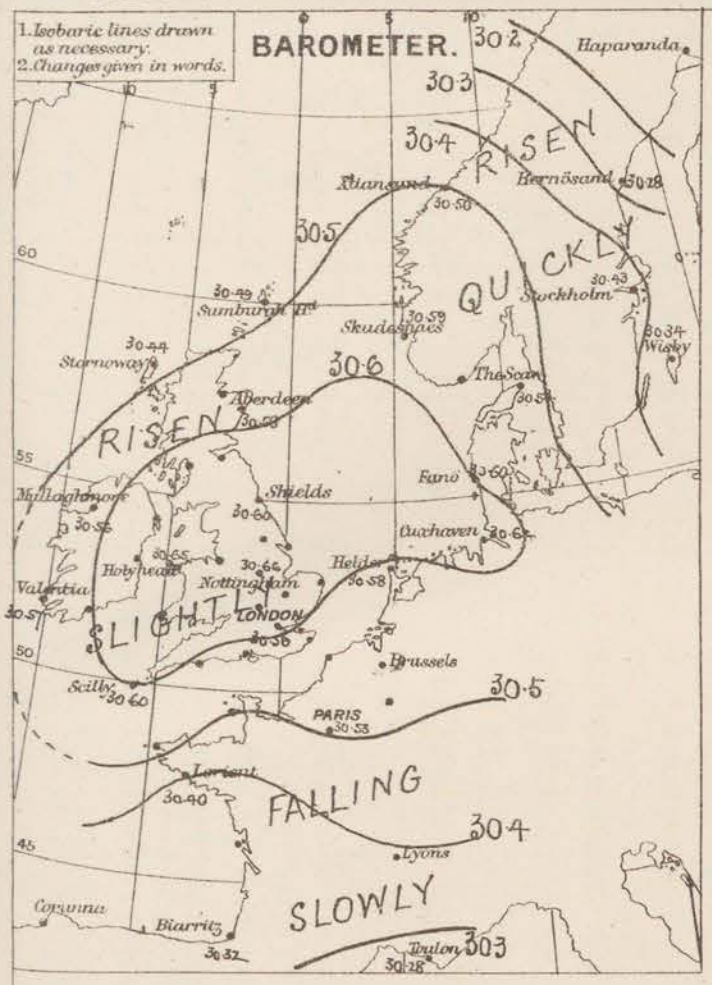
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

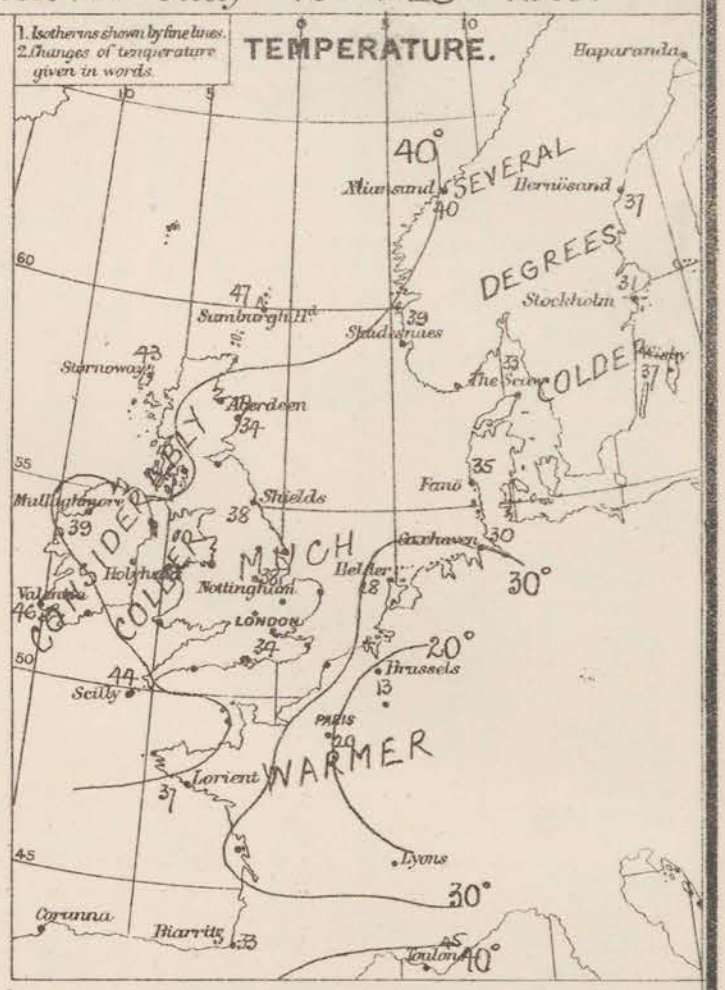
* AN ASTERISK is inserted in all places for which information is not usually received.

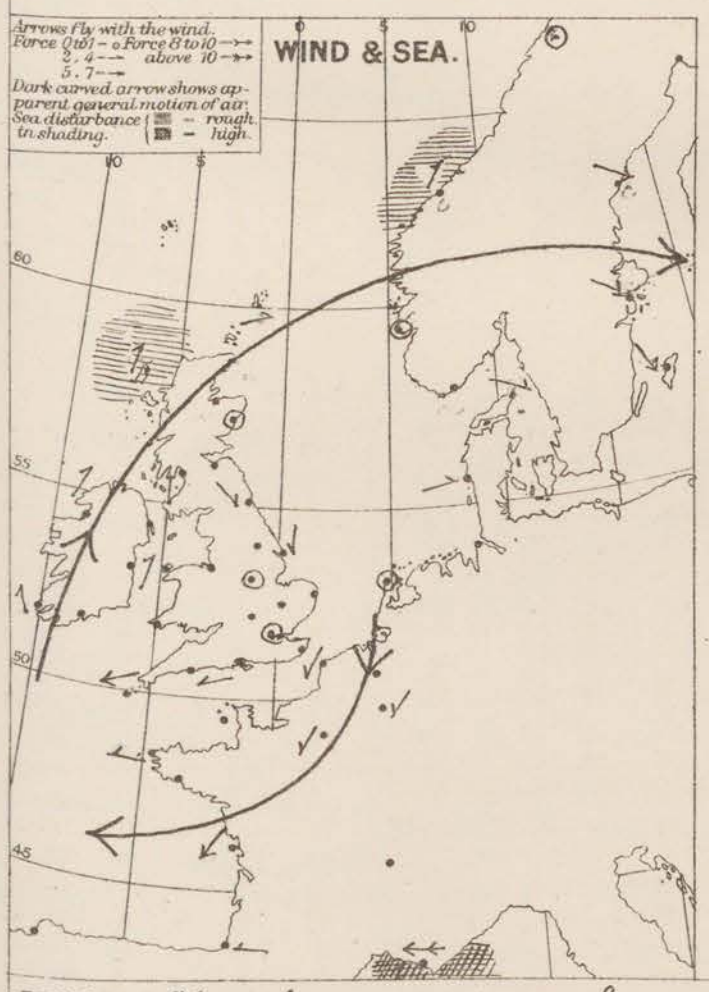
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

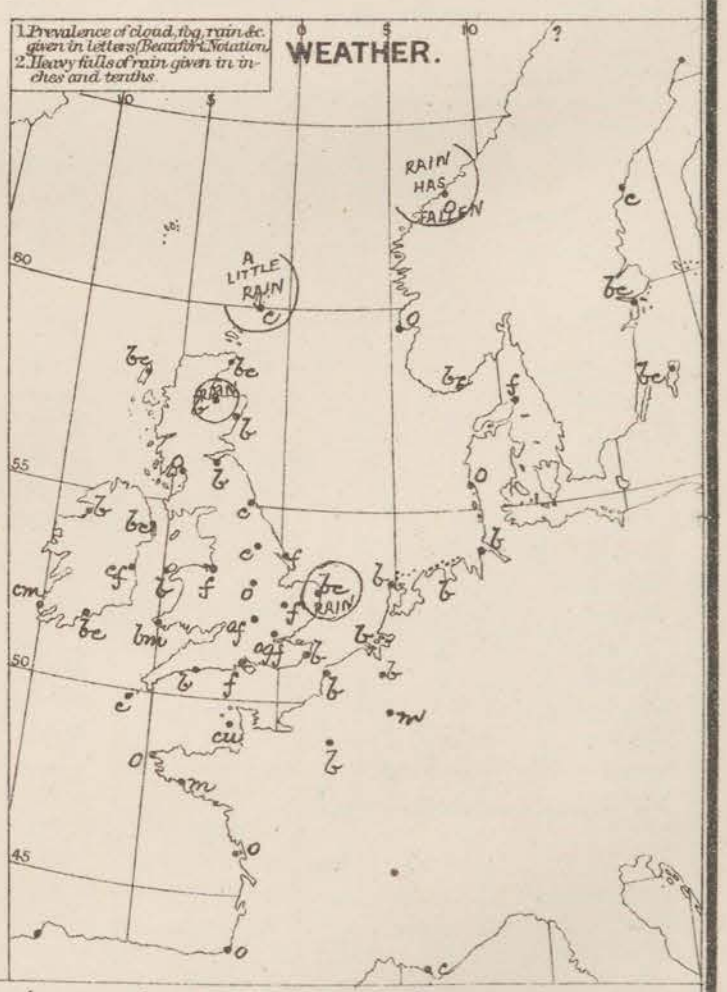
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS *for 8 a.m. on Thursday 18th Decr. 1879.*









REMARKS. Weather this morning is fine over Scotland and Ireland, but dull and foggy in England, cloudy and unsettled over France. A little rain fell yesterday in the N. of Scotland and also at Yarmouth, but not at any of our other stations. Temperature is changing very irregularly; over England it has risen decidedly, while in Scotland it has fallen briskly and in Ireland rapidly. Readings now vary from 30° to 38° over the greater part of the Kingdom, but remain as high as 43° to 46° on our extreme SW. coasts. Wind is light to moderate generally; NE. at the Sn. stations, S. in the W. SW. in the far N. and NW. to NE. in the E. The W. gale which prevailed over Scandinavia yesterday has subsided. Sea is rather rough in the far N., moderate on our SW. coasts, and at Cape Gris Nez, slight or smooth elsewhere.

Barometrical Indications. The area of high pressure recently noticed, now lies over England and the North Sea and appears to be moving slowly W.ds. Over the greater part of France the barometer is falling.

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Meteorological Office.
116, Victoria Street, Westminster, S.W.

R. H. SCOTT.
Secretary.

Dangerfield Lith. 22 Bedford St. Covent Garden

DAILY WEATHER REPORT Decr 19th 1879.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	30.41	13	N	2	b	29.78	− .29	31	31	+ 14	SW	4	b	*	?	10	—
Hernösand ...	30.58	26	L	0	b	30.26	− .02	32	30	− 5	NNE	2	c	*	41	21	—
Stockholm ...	30.49	29	NW	2	b	30.62	+ .19	26	25	− 5	SW	2	b	*	37	25	—
Wisby	30.49	36	NE	4	b	30.55	+ .21	35	33	− 2	WNW	6	b	*	39	34	—
Christiansund...	30.41	48	SSW	2	o	30.38	− .12	44	40	+ 4	WSW	7	b	5	?	34	—
Skudesnaes ...	30.65	36	E	2	b	30.63	+ .04	40	39	+ 1	SSE	4	o	3	?	36	—
Oxö (Xtiansund)...	30.66	33	NW	4	t	30.65	+ .11	31	30	− 4	L	0	b	0	37	28	—
Skagen (The Skaw)	30.67	34	L	0	b	30.67	+ .13	30	30	− 3	L	0	f	0	37	25	—
Fanö	30.67	32	S	1	o	30.70	+ .10	29	29	− 6	S	2	f	*	36	28	—
Cuxhaven ...	30.68	33	N	1	f	30.72	+ .10	31	31	+ 1	SSE	1	f	*	37	27	—
Sumburgh Head	30.45	44	WSW	3	o	30.46	− .03	42	40	− 5	W	3	c	3	47	39	—
Stornoway ...	30.43	46	SSW	6	bc	30.43	− .01	44	43	+ 1	SW	7	bc	6	46	41	—
Thurso																	
Wick	30.52	35	L	0	b	30.50	− .02	36	35	− 5	L	0	f	0	43	29	—
Nairn	30.55	39	SW	2	b	30.54	− .01	35	33	− 3	L	0	b	1	40	34	—
Aberdeen ...	30.56	38	SSW	2	b	30.57	− .01	33	31	− 1	SSW	1	b	1	40	32	—
Leith	30.63	35	W	1	b	30.65	+ .01	35	34	+ 4	W	2	cm	*	42	30	—
Shields	30.68	36	L	0	og	30.69	+ .09	38	36	0	SW	3	o	2	40	35	—
Spurn Head ...	30.63	39	NE	3	c	30.64	+ .01	40	38	+ 1	ENE	1	o	2	42	38	0.01
York	30.67	36	N	1	m	30.69	+ .02	37	36	+ 5	SE	1	o	*	38	31	0.01
Nottingham ...	30.67	38	L	0	o	30.69	+ .03	35	34	− 3	NE	1	o	*	39	32	—
Ardrossan ...	30.64	42	SSW	1	o	30.65	+ .02	34	33	− 7	E	1	om	1	43	33	—
Mullaghmore ...	30.57	41	ESE	4	b	30.59	+ .03	37	36	− 2	NNE	1	b	2	46	34	—
Donaghadee ...	30.66	41	SW	2	o	30.66	+ .01	41	40	+ 10	SW	1	o	1	47	? 31	—
Kingstown ...	30.65	39	SSE	1	bc	30.65	− .01	33	32	− 1	W	1	cf	1	42	30	0.01
Holyhead ...	30.62	37	ENE	2	f	30.62	− .03	32	32	− 3	S	1	f	0	41	31	—
Liverpool (Bidston)	30.65	36	E	1	f	30.66	− .01	32	31	− 4	SE	3	bc	1	38	32	—
Valentia	30.55	44	E	3	b	30.59	+ .02	35	33	− 11	L	0	bm	1	51	34	—
Roche's Point...	30.58	42	SE	3	bc	30.60	+ .01	43	41	0	ESE	3	o	3	47	38	—
Pembroke ...	30.60	40	ESE	1	b	30.61	− .03	33	32	− 1	ENE	1	bm	1	42	32	—
Scilly	30.34	44	E	6	c	30.55	− .05	43	42	− 1	E	6	o	5	47	41	—
Prawle Point ...	30.55	39	ENE	5	m	30.56	.00	31	30	− 4	NNE	4	m	5	40	30	—
Hurst Castle ...	30.58	34	ENE	3	m	30.59	+ .01	34	34	+ 3	ENE	3	m	3	38	30	—
Dover	30.59	36	E	2	b	30.58	+ .05	35	34	− 4	ENE	3	b	2	41	33	—
London	30.59	34	ENE	1	b	30.60	+ .01	32	32	− 2	NE	2	bf	*	40	31	—
Oxford	30.63	34	N	1	o	30.65	.00	32	32	+ 2	NE	1	o	*	37	30	—
Cambridge ...	30.63	31	NW	1	b	30.65	+ .03	33	30	+ 1	N	1	c	*	37	27	—
Yarmouth ...	30.62	37	ENE	3	bc	30.65	+ .04	37	36	0	ENE	3	omg	3	38	35	—
The Helder ...	*	*	*	*	*	30.65	+ .07	31	31	+ 3	ENE	1	f	*	*	*	*
Cape Gris Nez	30.56	29	ENE	4	m	30.56	+ .04	26	26	− 11	E	3	b	1	37	25	—
Jersey	30.54	35	ENE	3	bm	30.54	+ .04	38	37	− 2	NE	3	o	2	43	32	—
Brest	30.45	37	E	5	b	30.49	− .03	34	31	− 7	E	5	b	3	48	28	—
Lorient	30.42	33	E	7	m	30.45	+ .05	32	26	− 5	SE	4	m	3	39	27	—
Rochefort ...	30.30	25	E	7	r	30.41	+ .07	25	24	− 1	E	7	b	4	45	19	—
Biarritz	30.32	29	ENE	5	s	30.32	.00	36	32	+ 3	ESE	4	b	3	45	27	0.12
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	30.58	+ .03	14	?	+ 1	L	0	o	*	21	?	—
Charleville ...	?	27	SW	1	b	?	?	8	?	0	SW	1	bc	*	?	4	—
Paris	30.57	25	?	1	b	30.51	− .02	16	15	− 4	NE	1	b	*	*	*	—
Lyons	30.53	18	NE	1	b	30.39		0	0		NE	1	bc	*	18	9	—
Toulon	30.29	47	W	2	b	30.32	+ .04	47	39	+ 2	L	0	b	2	48	43	—

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30.63	36	35	ENE	1	bc	2	Valentia ...	30.55	50	46	ENE	2	b	3
Sumburgh Head	30.48	45	44	WSW	3	bc	3	Scilly	30.34	47	45	ENE	6	bc	4
Stornoway ...	30.45	46	44	SSW	6	c	6	Dover	30.56	39	37	E	2	b	1
Aberdeen ...	30.57	39	38	SSW	2	b	1	London ...	30.61	40	38	NE	2	om	*
Shields	30.68	37	36	WNW	3	om	0	Yarmouth ...	30.61	38	37	ENE	3	bc	3
Ardrossan ...	30.64	43	41	SSE	3	c	3	Jersey	30.50	40	37	ENE	4	b	3
Mullaghmore ...	30.58	43	42	E	4	b	3	Rochefort ...	30.32	28	28	E	8	bc	4
Holyhead... ...	30.64	41	39	ENE	3	b	2								

The barometer is falling a little on our south-west coasts, and temperature continues to rise generally, but no other change of importance is noted.

EXPLANATION OF COLUMNS.

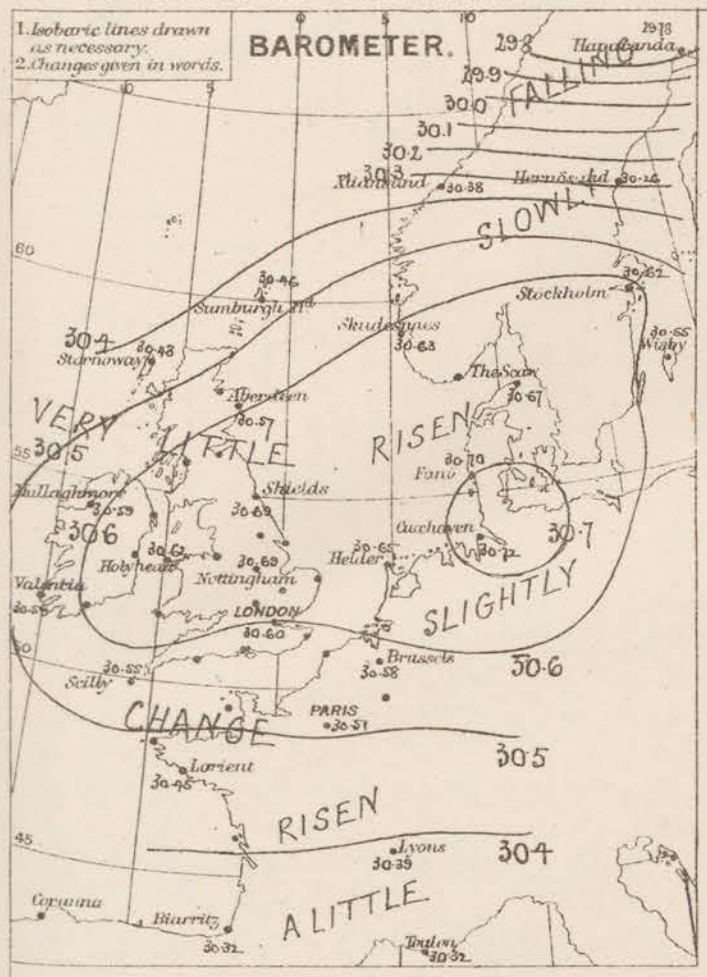
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

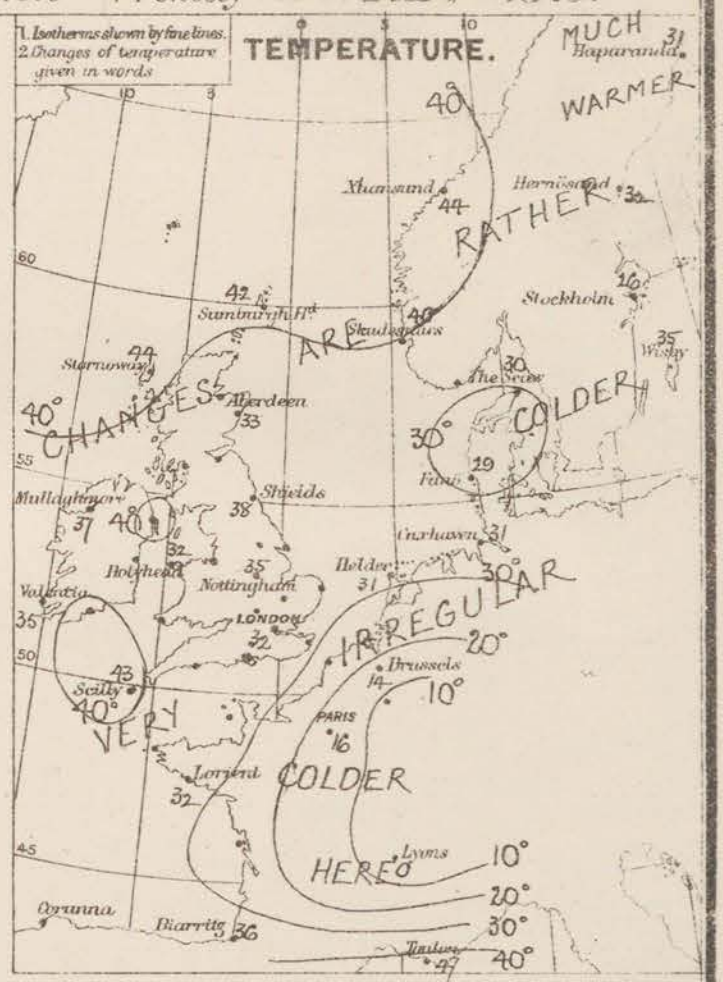
* AN ASTERISK is inserted in all places for which information is not usually received.

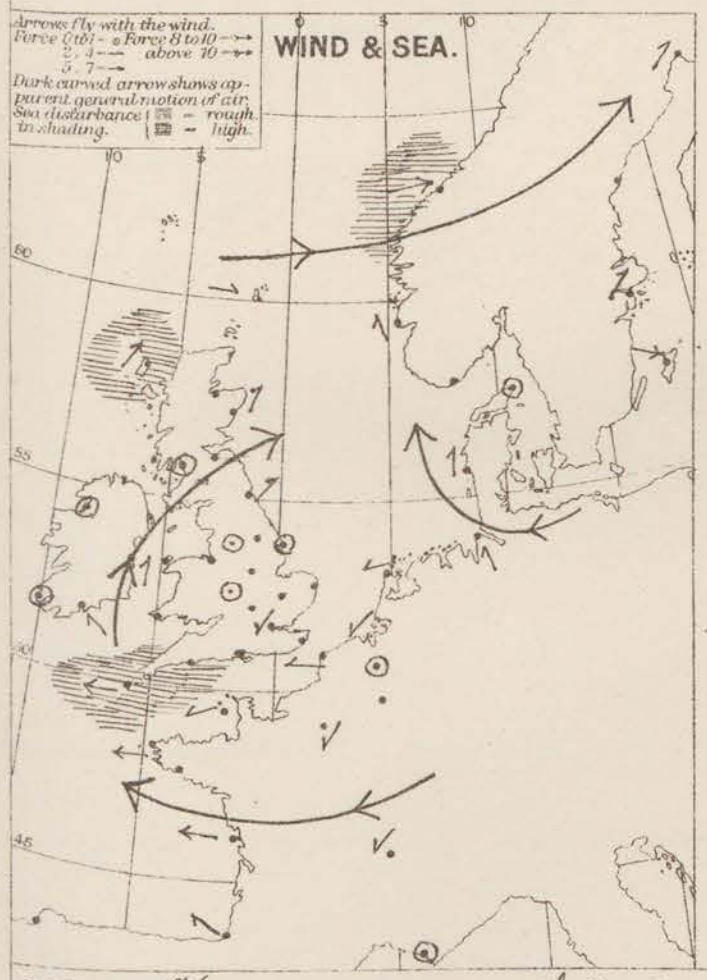
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

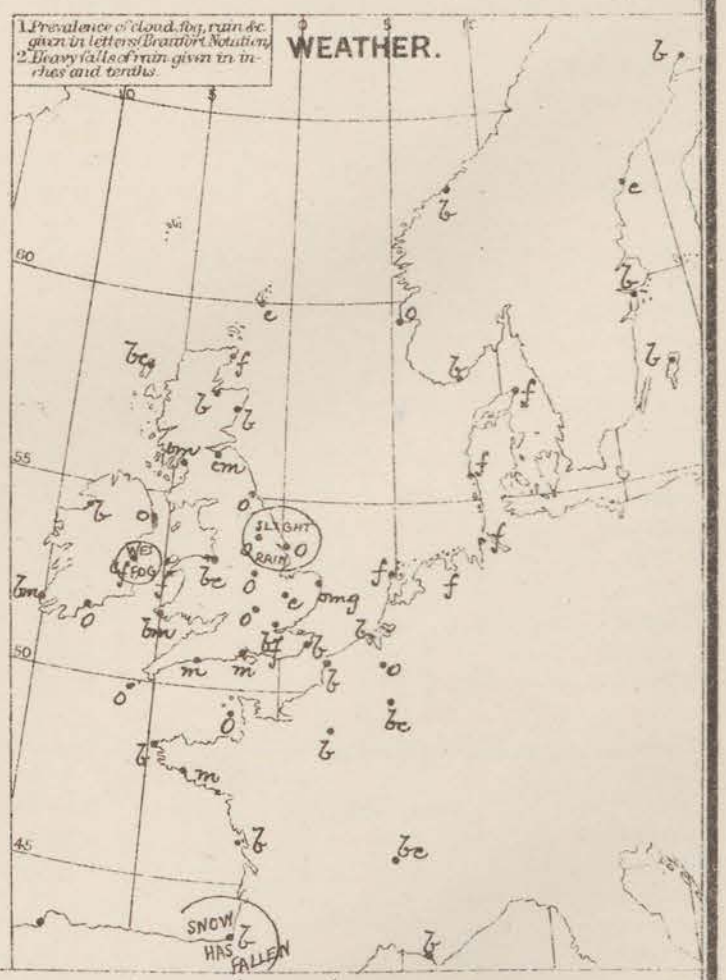
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS *for 8 a.m. on Friday 19th Decr. 1879.*









REMARKS. Weather is fair and quiet over the British Islands and North Sea, though the sky is clouded in some places, and fog prevails in others, over our SE. counties, however, the general condition is much brighter than of late. Temperature is changing irregularly. The colder weather, though not nearly so severe in any part of the British Isles as it was some days ago, has now reached Valentia and readings are consequently uniformly low over the United Kingdom; at only one of our stations was the temperature in the shade below 32 at 8 a.m. and in London the minimum recorded was 31° in the shade & 25° on the grass. Over central France, however, the weather is very severe, the thermometer at Lyons being down to zero, Fahr., but at Toulon a reading of 17° is reported. Wind is light generally, NE. in the S. districts, SW. in the N. At Christiansund a moderate gale from WSW is reported. Sea is smooth or nearly so, except in the far N. and at the mouth of the Channel.

Barometrical indications. The barometer is very steady. A large anticyclone still lies over the British Isles and North Sea; moderately steep gradients for W. winds lie over the W. parts of Scandinavia, but to the S. of our Islands the gradient (for E. winds) are slight.

Subscription for these Charts payable in advance to avoid delivery. | Delivery by hand 10/- per quarter. " book post 5/- " "

Meteorological Office. 116, Victoria Street, Westminster, S.W.

R. H. SCOTT. Secretary.

DAILY WEATHER REPORT 20th DECr 1879.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...						?								*			
Hernösand ...	30·09	36	NNW	2	b	30·27	+ ·01	41	36	+ 9	SW	4	b	*	45	19	—
Stockholm ...	30·33	28	W	2	b	30·43	— ·19	33	31	+ 7	W	4	b	*	36	19	—
Wisby	30·39	36	W	6	b	30·38	— ·17	36	35	+ 1	NNW	8	b	*	37	28	—
Christiansund...	30·41	45	W	9	c	30·43	+ ·05	46	42	+ 2	SW	9	c	8	46	40	—
Skudesnaes ...	30·63	39	SSE	4	o	30·60	— ·03	35	35	— 5	ENE	2	bc	2	41	?	—
Oxö (Xtiansund) ...	30·57	36	WSW	4	b	30·56	— ·09	34	33	+ 3	NW	2	b	1	37	?	—
Skagen (The Skaw)	30·57	34	WSW	5	c	30·60	— ·07	34	34	+ 4	W	0	f	0	36	23	—
Fanö	30·62	30	SW	1	m	30·67	— ·03	30	30	+ 1	SW	1	f	*	30	28	—
Cuxhaven ...	30·79	30	SSE	1	f	30·70	— ·02	26	26	— 5	E	2	f	*	30	25	—
Sumburgh Head	30·52	47	W	4	c	30·50	+ ·04	43	42	+ 1	SW	4	b	4	47	35	—
Stornoway ...	30·53	35	SW	5	c	30·38	— ·05	39	38	— 5	W	0	b	0	45	35	—
Thurso																	
Wick	30·58	41	NW	1	b	30·43	— ·07	39	38	+ 3	SE	4	o	2	43	32	—
Nairn	30·60	32	W	0	b	30·49	— ·05	25	25	— 10	W	0	b	1	40	25	—
Aberdeen ...	30·62	31	W	0	bm	30·56	— ·01	36	34	+ 3	SSW	1	og	1	38	26	0·02
Leith	30·66	35	W	2	b	30·55	— ·10	31	30	— 4	ESE	1	o	*	37	29	—
Shields	30·70	36	SW	2	o	30·59	— ·10	37	36	— 1	SSE	1	dm	2	38	33	—
Spurn Head ...	30·64	39	ENE	2	o	30·55	— ·09	37	35	— 3	E	5	cg	4	41	36	—
York	30·69	38	ESE	1	o	30·57	— ·12	37	36	o	ESE	1	o	*	39	35	0·02
Nottingham ...	30·68	36	ENE	2	o	30·57	— ·12	33	33	— 2	SE	3	o	*	37	33	—
Ardrossan ...	30·65	37	E	2	om	30·51	— ·14	31	30	— 3	E	3	cf	2	38	30	—
Mullaghmore ...	30·60	35	ESE	2	bm	30·38	— ·21	37	36	o	ESE	5	bm	3	43	33	—
Donaghadee ...	30·67	40	SE	2	bc	30·58	— ·16	40	39	— 1	S	2	c	1	42	37	—
Kingstown ...	30·66	38	W	1	c	30·44	— ·21	39	37	+ 6	SSE	2	o	3	41	31	0·02
Holyhead ...	30·60	37	E	1	b	30·44	— ·15	37	37	+ 5	ESE	3	b	3	39	? 32	—
Liverpool (Bidston)	30·64	32	ESE	2	o	30·52	— ·14	35	33	+ 3	ESE	3	o	1	35	31	—
Valentia	30·53	35	W	0	bm	30·29	— ·30	45	41	+ 10	E	5	omg	5	46	32	—
Roche's Point...	30·60	39	E	3	bc	30·32	— ·28	43	41	o	SE	5	o	4	45	37	—
Pembroke ...	30·56	37	ENE	1	c	30·41	— ·20	37	35	+ 4	ESE	5	o	3	39	32	—
Scilly	30·49	42	E	5	o	30·33	— ·22	39	38	— 4	SE	7	o	6	43	38	—
Prawle Point ...	30·48	39	NE	5	m	30·39	— ·17	40	39	+ 9	E	6	m	5	42	30	—
Hurst Castle ...	30·55	34	NE	5	m	30·49	— ·10	34	33	o	ENE	6	o	5	44	33	0·02
Dover	30·58	37	ENE	5	c	30·52	— ·06	33	32	— 2	ESE	4	cm	3	39	31	—
London	30·63	35	ENE	4	omd	30·53	— ·07	33	32	+ 1	E	3	o	*	37	32	—
Oxford	30·64	32	ENE	1	o	30·34	— ·11	33	32	+ 1	E	1	o	*	34	32	0·01
Cambridge ...	30·64	34	NE	1	r	30·56	— ·09	33	32	o	E	1	o	*	36	31	0·03
Yarmouth ...	30·64	36	ENE	4	omg	30·56	— ·09	34	33	— 3	ESE	3	og	3	38	32	—
The Helder ...	*	*	*	*	*	30·61	— ·04	25	25	— 6	ENE	1	f	*	*	*	*
Cape Gris Nez	30·56	30	NE	5	o	30·52	— ·04	22	22	— 4	E	3	f	2	34	21	—
Jersey	30·45	40	ENE	3	bm	30·44	— ·10	30	29	— 8	ESE	2	bm	2	43	29	—
Brest	30·36	40	ENE	5	b	30·38	— ·11	32	32	— 2	SE	4	b	3	40	32	—
Lorient	30·32	37	E	5	m	30·36	— ·09	24	21	— 8	SE	4	fm	4	41	23	—
Rochefort ...	30·34	27	NE	5	m	30·38	— ·03	27	24	+ 2	E	5	m	2	46	?	—
Biarritz	30·27	41	SSE	4	b	30·33	+ ·01	40	34	+ 4	S	4	b	2	46	30	—
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	30·54	— ·04	14	?	o	ENE	1	b	*	27	13	—
Charleville ...	?	27	SW	1	b	?	?	4	?	— 4	W	1	m	*	40	20	—
Paris	30·49	28	?	?	b	30·52	+ ·01	7	7	+ 1	NE	1	f	*	*	*	—
Lyons														*			
Toulon	30·30	57	NW	5	b	30·36	+ ·04	48	39	+ 1	NE	5	b	2	55	43	—

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30·62	37	?	SSE	5	rf	2
Sumburgh Head	30·47	45	42	W	5	c	4
Stornoway ...	30·51	45	45	SW	5	o	1
Aberdeen ...	30·59	36	34	W	0	b	1
Shields	30·68	38	37	SW	3	o	1
Ardrossan ...	30·66	38	36	E	1	cm	1
Mullaghmore ...	30·61	40	39	N	5	bm	4
Holyhead... ...	30·62	37	37	E	1	b	1

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valentia ...	30·56	45	42	SE	2	bm	3
Scilly	30·53	42	40	E	4	om	4
Dover	30·58	39	38	ENE	4	bc	3
London ...	30·64	37	36	ENE	3	om	*
Yarmouth ...	30·64	38	37	ENE	3	o	3
Jersey... ...	30·48	43	40	NE	3	bm	3
Rochefort ...	30·33	35	32	NE	4	m	2

No important change.

EXPLANATION OF COLUMNS.

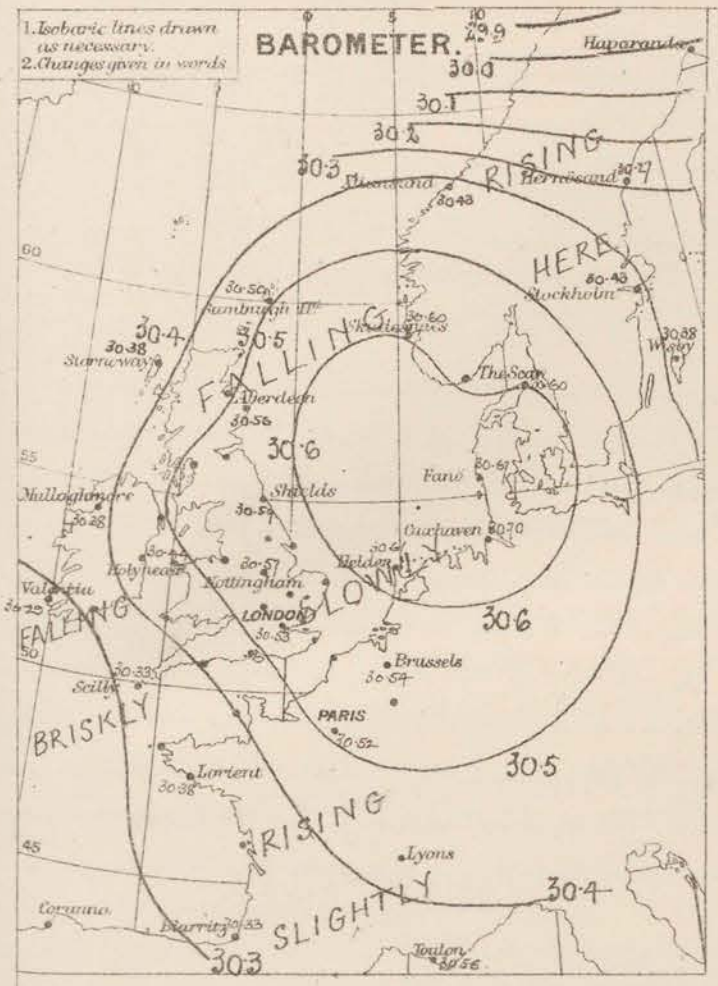
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

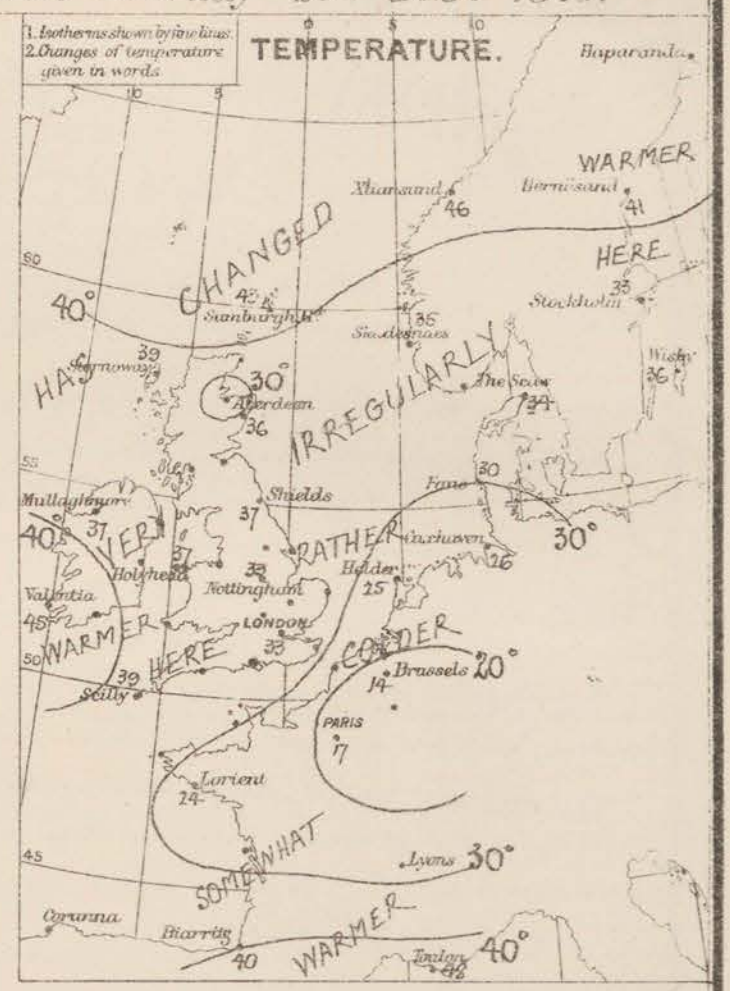
* AN ASTERISK is inserted in all places for which information is not usually received.

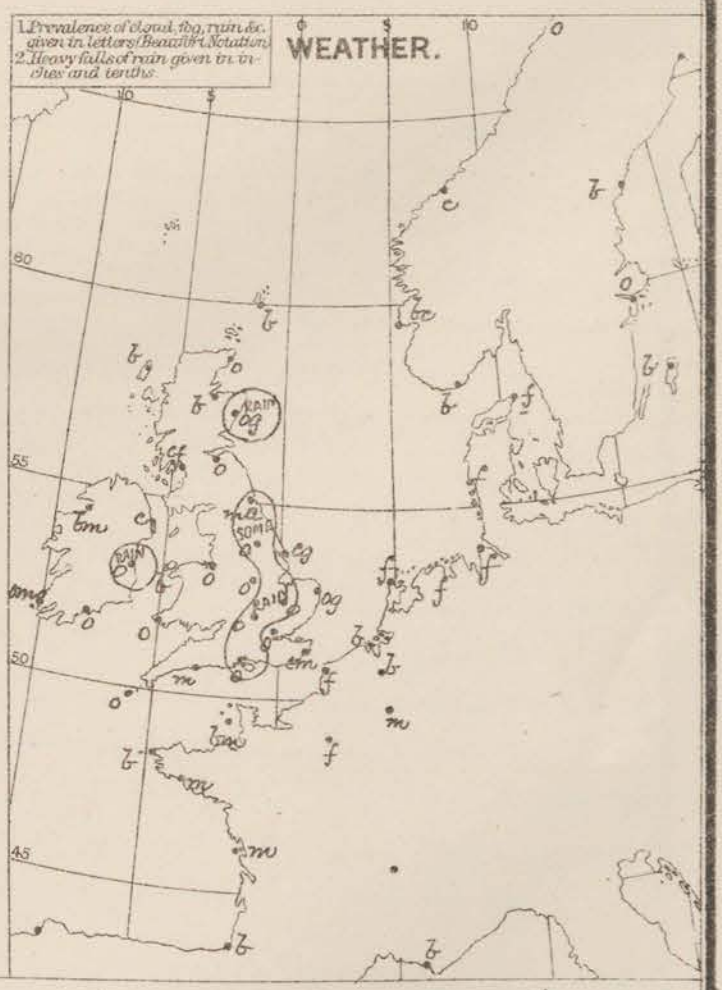
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS *for 8 a.m. on Saturday 20th Decr 1879.*







REMARKS. Weather this morning is clear in the NW. of Scotland and Ireland as well as in many parts of France and the Netherlands, but in most places the sky is overcast or cloudy. Dense fog prevails over N. Germany and Denmark and mist over France, while drizzling rain and a gloomy appearance are reported from our E. coast stations. A few hundredths of rain have fallen at some of our E.n stations. Temperature has changed irregularly, the tendency being upward in the S. of Ireland, the N. of Wales, S. of France and over Sweden, downward elsewhere. Readings range over these Islands from 45° at Valentia, to 25° at Nairn, over France from 48° at Toulon to 4° at Charleville and on the E.n shores of the North Sea from 46° at Kirkwall to 23° at Flushing. Wind is E.ly to SE.ly over France and most of our coasts, S.ly over Scotland, and SW. over Norway. It is light or moderate in force on most coasts, but blows freshly from E. at Pembroke and at our SW.n stations and reaches a fresh gale from SW. in the W. of Norway. Sea is rough in the SW. and high at Kirkwall, moderate to slight elsewhere. Barometrical Indications. Pressure is decreasing except over France, rather briskly over S. Ireland. A large area of high readings lies over the North Sea, while two rather important depressions are shown, one over the N. of Scandinavia, and a second advancing towards the S. of Ireland from the SW.

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Meteorological Office.
116, Victoria Street, Westminster, S.W.

R. H. SCOTT.
Secretary.

Dangerfield Lith 22, Bedford St Covent Gdn

SUMMARY OF WEATHER IN WESTERN EUROPE

from DEC^R 14TH *to* DEC^R 20TH 1879.

(Issued Weekly as a Supplement to the "Daily Weather Report.")

The general distribution of pressure though undergoing slight modifications from day to day, has not differed much on the whole. A large anticyclone in which readings were very high has been shown in the S., while the lowest pressures were reported from the N. of Scandinavia. At first the anticyclone was over the N. of France and the Channel so that E^ly winds prevailed over France, with hard frost and SW^ly winds and comparatively mild weather over the British Isles and North Sea. These conditions continued on Monday but on Tuesday the anticyclone had moved somewhat, and was shown over the North Sea, so that the E^ly wind had spread to our S. coasts, and temperature had fallen generally. On Wednesday and Thursday the area of high pressure lay well over the British Isles, light breezes prevailed and on Wednesday sharp frost over England, which, however, gave way to a brisk rise of the thermometer next morning. On Friday scarcely any change occurred, but on Saturday the barometer fell quickly in the SW. and a rather important depression was lying off the S. of Ireland, occasioning strong SE^ly winds. This depression apparently moved N^wd and the wind shifted more to the S^wd. The weather has been dry in nearly all districts, and moderately fine in many places but a good deal of fog has prevailed

SUNDAY DEC^R 14TH

Weather though locally fine in a few places generally dull or cloudy with much fog and mist. Rain falling in Hebrides.
Weather dull all day, but slight rain in a few places.

Temperature fallen considerably over France, risen elsewhere, and readings ranging from 50° in the Hebrides to 32° at Yarmouth and 20° at Brussels. Thermometer rising during day and frost disappearing.

Wind E^ly over France and SW^ly to W^ly over these Islands and Scandinavia. Very light in force in the S., but fresh to strong in the W. and N. Little change during day.

Sea rough on coast NW. and N. coasts.

Barometer falling everywhere, briskly in the N. Readings highest over France and the Channel, with deep depression in N. Norway. Disturbance moving E^wd later and very slight recovery commencing in N.

MONDAY DEC^R 15TH

Weather fine at a few French stations and at Aberdeen, dull, misty or foggy elsewhere. Gloomy and dull in most places all day, and slight rain falling in the SW. and SE

Temperature risen except in S. France. Readings ranging over these Islands from 49° at Valentia and 50° at Stornoway to 37° at Cambridge. Maxima between 40° and 50°, but slight frost in E. at night.

Wind still E^ly over France and W^ly to SW^ly elsewhere; light or moderate in force generally, but fresh or strong in the N. and over Scandinavia. Increasing in force in the W. and N. later.

Sea rough N.

Barometer rising N., falling S.; but changes slight generally. Distribution scarcely changed, pressure high over France and Channel, with large depression in N. Norway. Changes continuing slight all day.

TUESDAY DEC^R 16TH

Weather fine at some NW and N stations, as well as in many parts of France and N. Germany, cloudy elsewhere, with fog very generally. Weather becoming dull in N. but remaining fair though foggy in E.

Temperature lower except in Sweden — several degrees over N. France. Readings ranging from 48° at Valentia and 46° at Stornoway to 31° at Dover and 13° at Paris. Falling in SE later and hard frost at night.

Wind E^ly over France and the Channel, S^ly over Ireland and England and SW^ly over Scotland and Scandinavia. Light to moderate generally but blowing a gale at Stornoway and Christiansund. S^ly to SW^ly winds later

Sea rough at Valentia and Stornoway, high at Christiansund.

Barometer rising over the E^rn shores of the North Sea, the E. of England and NE. of France, falling slowly elsewhere. Falling slowly all day.

WEDNESDAY DEC^R 17TH

Weather still fine over greater part of France and North Germany, but cloudy and foggy generally. Slight improvement in W. later and scarcely any rain falling within our Islands

Temperature rather higher N. Ireland, Sweden and S. France, lower elsewhere. Readings ranging from 48° at Valentia to 23° in the S.E. of England and 4° at Paris. Thawing during day and frost breaking.

Winds E^L over France and Channel, W^L to S.W^L elsewhere; light in force except at Valentia and over Scandinavia. Little change during day.

Sea rough at Valentia and Christianaesund.

Barometer falling Sweden and large depression over Lapland, but rising elsewhere. Large anticyclone lying over these Islands and France. Scarcely any change during day.

THURSDAY DEC^R 18TH

Weather dull or foggy over England, the N. of France ~~and N. of France~~ and N. of Norway, fine though rather misty elsewhere. Weather fine generally all day, but rain and snow in S.W. France.

Temperature much higher E. and Central England, N. Germany and N.E. France, lower in most other places. Thawing except in S.W. during day and scarcely any frost reported at night.

Winds E^L over France and Channel, S^L to S.W^L on most of our other coasts and W^L over Scandinavia. Blowing strongly over France all day.

Sea rough at Stornoway and Christianaesund.

Barometer rising slightly over these Islands and quickly over Scandinavia, falling slowly over France. Anticyclone still shown over us. Hardly any change during day beyond continued rise in Sweden.

FRIDAY DEC^R 19TH

Weather dull central and Eastern England and eastern Ireland, fine in most other places, though with mist or fog at several stations. Slight rain in the E. in the evening.

Temperature fallen France and Scandinavia, changed irregularly elsewhere. Readings ranging from 45° at Scilly and 44° at Stornoway to 32° in London. Hard frost Central France. Very slight frost over British Isles at night.

Winds moderate to fresh from E. over France and the Channel, light and variable over Central England and S.W^S in the N. and over Scandinavia, S.W^L wind increasing to a gale in Norway later, but little other change.

Sea rough ~~in the S.W.~~, as well as at Stornoway and Christianaesund.

Barometer falling a little over Scandinavia, rising slowly elsewhere. Large anticyclone (30·6 ins.) lying over these Islands the North Sea and Denmark. Large depression appearing in N. Norway later, but little other change.

SATURDAY DEC^R 20TH

Weather very foggy over North Germany and N.E. France, but fine over the greater part of the Continent, cloudy or dull over these Islands except at a few N.W. stations. Dull generally all day.

Temperature risen Valentia as well as in many parts of France and Scandinavia, fallen elsewhere. Ranging from 45° at Valentia to 25° at Nairn. Sharp frost France and over England at night.

Winds still E^L over France, but S^L (S.W. to S.E.) over these Islands, blowing strongly in the S.W. and S. No change during day.

Sea rough in the S.W. and S.

Barometer falling at all but the French and Swedish stations — briskly on our S.W. coast. Anticyclone over North Sea with depressions off our S.W. coasts and over Norway. Pressure giving way all day.

Notice. — After next week's issue of the Weekly Summary it will cease, but in its place a copy of the Weekly Weather Report will be furnished, printed on paper uniform in size with the Daily Weather Report.

Meteorological Office,
116, *Victoria Street, Westminster, S.W.,*
ROBERT H. SCOTT, Secretary.

DAILY WEATHER REPORT 21st DECR. 1879.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29.80	35	SW	4	b	30.00	+ .07	29	29	− 3	NW	2	bc	*	36	28	—
Hernösand ...	30.21	48	S	4	b	30.28	+ .01	35	34	− 6	Z	0	0	*	45	32	—
Stockholm ...	30.47	27	W	2	b	30.47	+ .04	28	28	− 5	WNW	2	f	*	36	23	—
Wisby	30.38	37	NNW	4	b	?	?	33	32	− 3	NNW	6	0	*	37	30	—
Christiansund...	30.38	42	WSW	4	b	30.22	− .21	37	36	− 9	ESE	2	c	5	46	28	—
Skudesnaes ...	30.51	39	ESE	4	0	30.36	− .24	37	35	+ 2	SSE	7	0	4	39	2	—
Oxö (Xtiansund) ...	30.52	35	WSW	4	bc	30.43	− .13	32	32	− 2	WSW	2	0	1	36	30	—
Skagen (The Skaw)	30.55	37	WSW	3	0	30.50	− .10	28	27	− 6	WSW	3	0	1	37	23	—
Fanö	30.60	24	S	4	f	30.49	− .18	21	21	− 9	SSE	3	b	*	30	7	—
Cuxhaven ...	30.70	24	SE	1	f	30.55	− .15	19	19	− 7	SSE	1	b	*	?	18	—
Sumburgh Head	30.34	41	S	5	0	30.00	− .50	40	38	− 3	S	4	0	5	44	37	—
Stornoway ...	30.24	39	SW	5	b	29.98	− .40	42	41	+ 3	SW	5	bc	5	42	36	—
Thurso																	
Wick	30.31	40	S	6	bc	30.09	− .34	37	36	− 2	S	1	0	2	42	32	—
Nairn	30.32	35	Z	0	b	30.18	− .36	32	30	+ 7	Z	0	b	1	37	25	—
Aberdeen ...	30.38	39	S	3	0	30.17	− .39	34	33	− 2	SSW	1	0	1	39	31	0.01
Leith	30.41	31	Z	0	b	30.23	− .32	32	31	+ 1	SW	2	c	*	38	28	—
Shields	30.47	38	S	2	0	30.30	− .29	29	28	− 8	WSW	2	0	2	38	28	—
Spurn Head ...	30.46	34	S	4	c	? 30.37	− .18	29	28	− 8	SSE	5	om	5	43	28	—
York	30.48	33	S	1	0	30.33	− .24	30	30	− 7	SW	1	0	*	38	30	—
Nottingham ...	30.49	32	SSE	2	0	30.37	− .20	29	28	− 4	SSW	2	0	*	33	29	—
Ardrossan ...	30.39	35	E	2	0	30.19	− .32	36	35	+ 5	SSW	5	0	4	38	30	—
Mullaghmore ...	30.26	42	SE	5	0	30.02	− .36	44	42	+ 7	SSE	6	cpq	4	44	33	—
Donaghadee ...	30.38	40	SSE	3	c	30.18	− .32	41	40	+ 1	S	6	c	3	42	39	—
Kingstown ...	30.37	40	SSE	3	0	30.19	− .25	42	41	+ 3	SE	4	0	4	43	37	0.01
Holyhead ...	30.39	37	SW	2	0	30.23	− .21	34	33	− 3	S	2	b	1	40	34	—
Liverpool (Bidston)	30.42	32	SE	3	0	30.28	− .24	28	27	− 7	SE	4	m	2	35	28	—
Valentia	30.16	47	SE	6	c	30.00	− .29	48	46	+ 3	SSE	6	cp	6	49	43	0.04
Roche's Point...	30.23	43	SSE	5	c	30.08	− .24	44	42	+ 1	SSW	5	bc	4	46	43	0.08
Pembroke ...	30.37	39	SE	5	0	? 30.23	− .18	41	40	+ 4	ESE	5	om	3	41	37	—
Scilly	30.31	45	SE	6	c	30.22	− .11	49	48	+ 10	SSW	6	op	6	49	39	0.03
Prawle Point ...	30.37	41	E	5	m	30.31	− .08	44	43	+ 4	SSE	3	0	3	44	38	—
Hurst Castle ...	30.45	34	E	5	0	30.38	− .11	31	30	− 3	ESE	4	f	4	35	30	—
Dover	30.47	30	Z	*	0	30.40	− .12	28	27	− 5	SW	2	om	1	33	27	—
London	30.50	31	SE	2	0	30.39	− .14	26	26	− 7	ESE	2	om	*	35	26	—
Oxford	30.46	32	E	1	0	30.40	− .14	28	28	− 5	E	1	0	*	33	28	—
Cambridge ...	30.49	31	ESE	1	0	30.37	− .19	28	27	− 5	S	1	0	*	35	26	—
Yarmouth ...	30.51	33	SE	2	0	30.40	− .16	30	29	− 4	Z	0	bcf	2	35	27	—
The Helder ...	*	*	*	*	*	30.43	− .18	21	20	− 4	SE	1	b	*	*	*	*
Cape Gris Nez	30.47	26	Z	0	f	30.41	− .11	19	19	− 3	SSE	1	m	0	32	19	—
Jersey	30.43	33	E	1	b	30.40	− .04	33	31	+ 3	SSE	2	bm	2	37	30	—
Brest	30.37	39	SE	4	0	?	?	42	42	+ 10	SE	4	m	4	43	32	—
Lorient	30.35	34	SE	4	m	30.36	.00	28	27	+ 4	SE	5	m	4	37	2	—
Rochefort ...	30.38	36	SE	3	b	30.41	+ .03	27	25	0	SE	4	b	2	32	21	—
Biarritz																	
Corunna	*	*	*	*	*	30.36	+ .06	42	*	− 4	SE	?	b	1	*	*	*
Brussels	*	*	*	*	*	30.46	− .08	13	?	− 1	Z	0	b	*	21	11	—
Charleville ...	?	15	S	1	b	?	?	2	?	− 2	W	1	m	*	26	2	—
Paris	30.46	24	?	1	b	30.49	− .03	11	11	− 6	E	1	b	*	*	*	—
Lyons	30.50	18	NNW	1	b	30.56	+ .02	9	9	+ 1	NNE	1	m	*	28	8	—
Toulon	30.40	48	NW	1	b	30.45	+ .09	48	40	0	Z	0	b	2	32	43	—

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30.56	39	39	E	3	0	2	Valentia ...	30.21	45	41	SE	4	0g	4
Sumburgh Head	30.42	41	40	SSW	4	0	5	Scilly	30.34	45	44	SE	6	0	6
Stornoway ...	30.29	42	40	W	4	b	3	Dover	30.49	31	31	E	3	om	2
Aberdeen ...	30.47	39	38	S	3	d	1	London ...	30.50	35	33	ESE	2	0g	1
Shields	30.51	38	36	S	2	0	2	Yarmouth ...	30.52	34	33	ESE	3	0g	3
Ardrossan ...	30.44	34	33	E	2	2m	4	Jersey	30.44	37	35	SE	2	bm	2
Mullaghmore ...	30.33	39	37	S	5	0g	4	Rochefort ...	30.39	43	38	E	4	b	2
Holyhead... ...	30.42	39	37	SW	2	b	1								

The barometer continues to fall a little at all our stations excepting Scilly and Jersey, and the wind is veering towards S. on our W. and NW. coasts. Weather is rather unsettled in the W.

EXPLANATION OF COLUMNS.

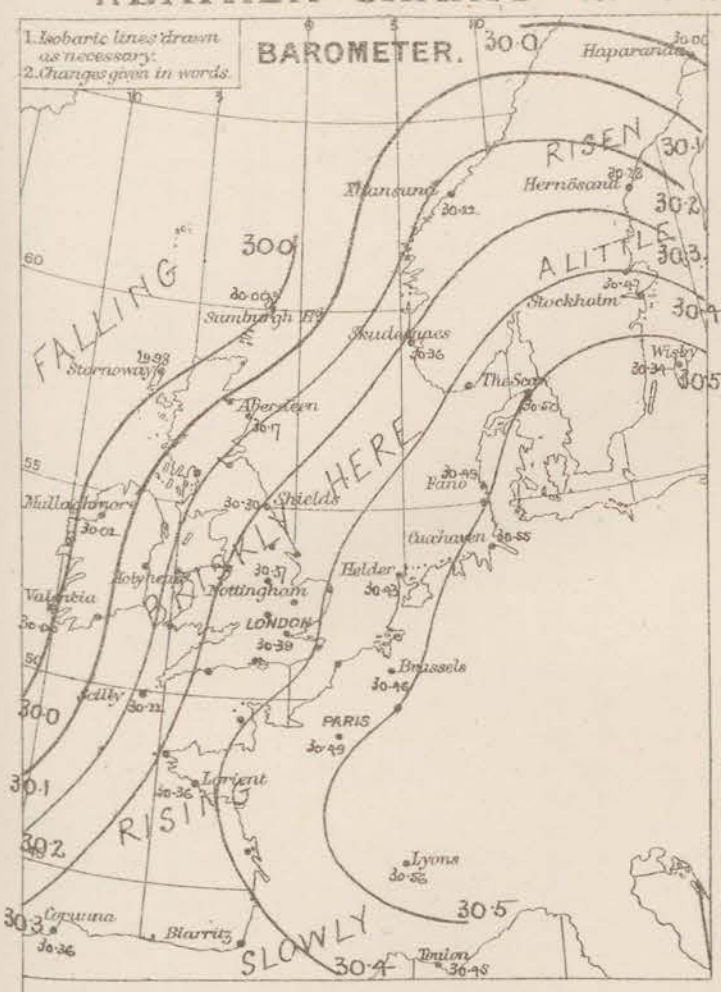
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. agly, threatening; v. visibility, unusual transparency; w. dew.

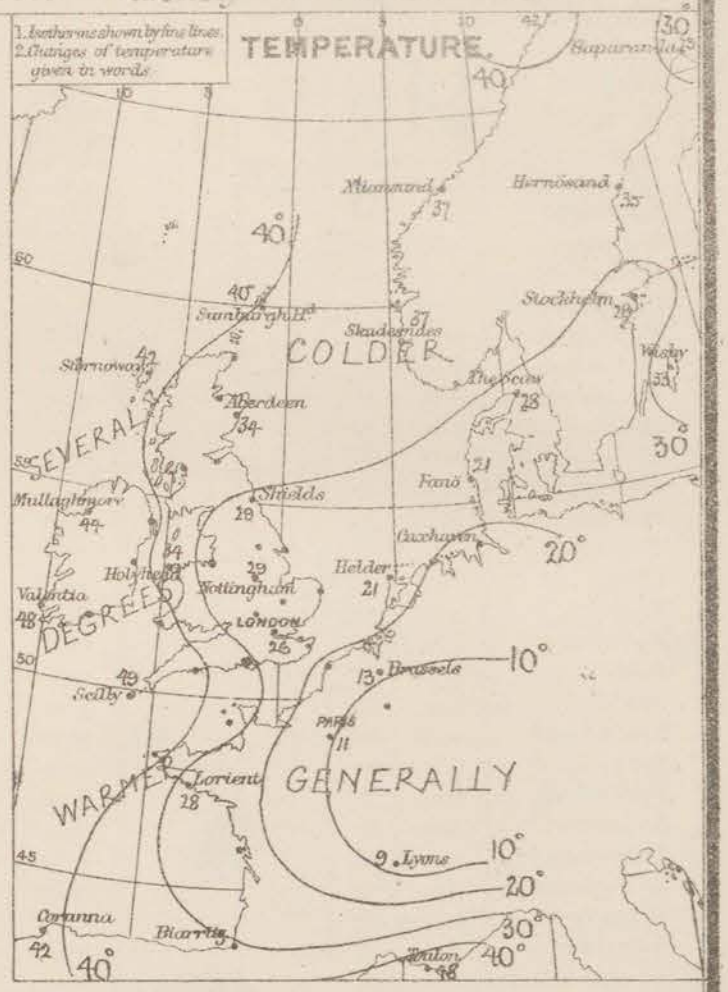
* AN ASTERISK is inserted in all places for which information is not usually received.

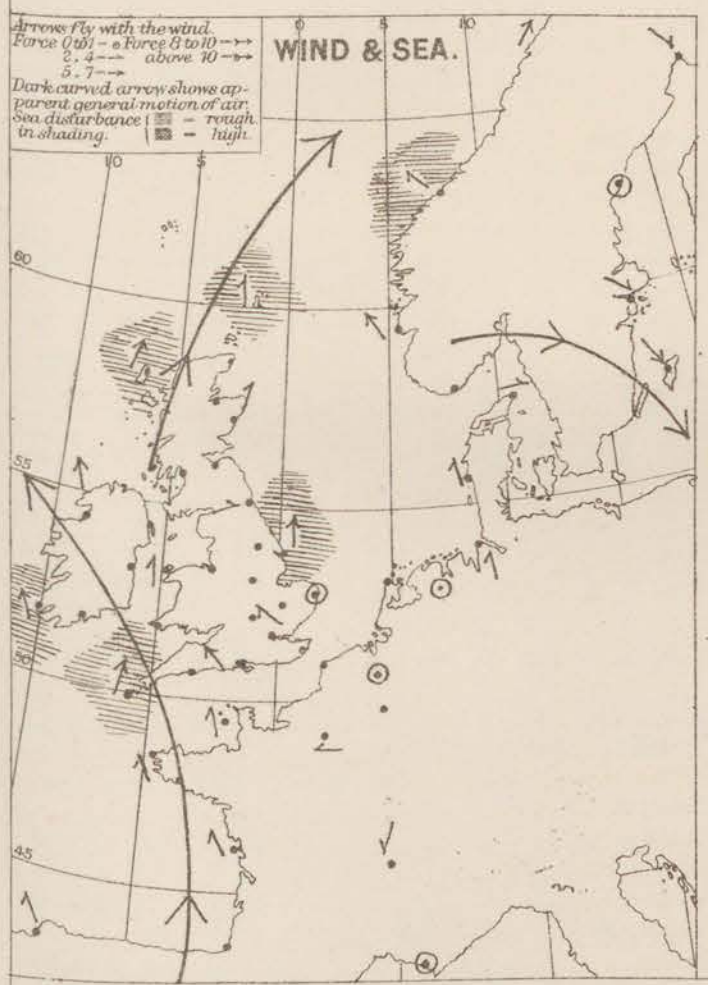
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

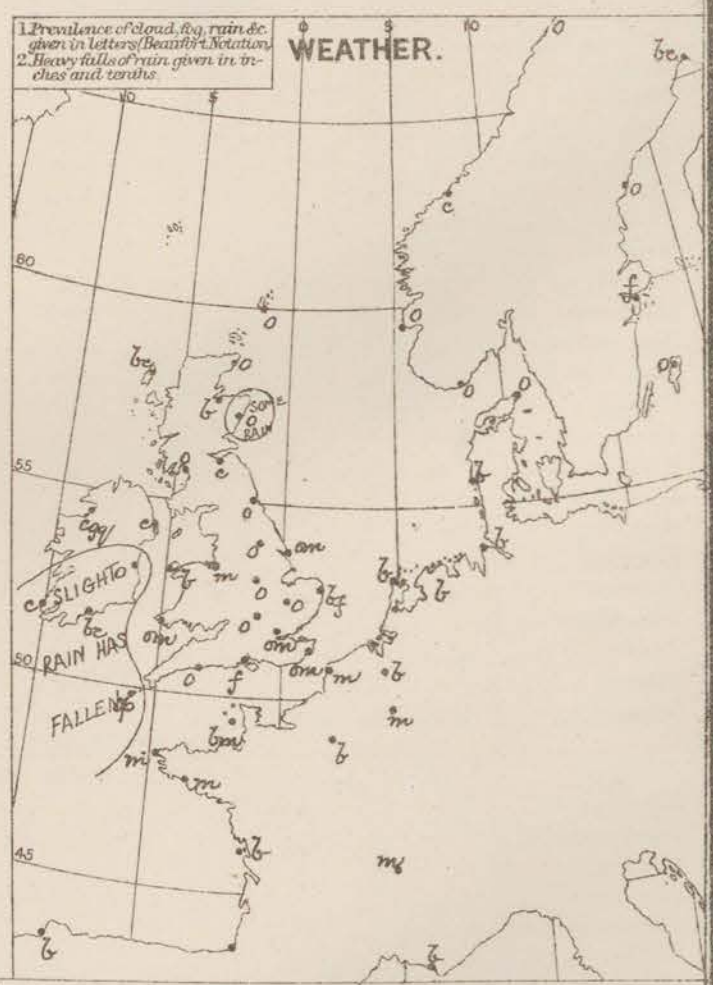
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS *for 8 a.m. on Sunday 21st Dec.r 1879.*









REMARKS. Weather this morning is fine and bright over the Netherlands, N. Germany and Denmark, but is dull and misty elsewhere, with showers at Scilly. A little rain has fallen on our SW. coasts and at Aberdeen, but the weather has been dry in all other places. Temperature has risen several degrees at all our W.n and NW.n stations, but fallen elsewhere. Over Central France the cold is still most severe, the following readings being recorded this morning:– Charleville 2°, Lyons 9°, Paris 11°, Brussels 13° and 19° at St Quentin Reg. Over the Gulf of Lyons the weather continues mild, 48° being reported from Toulon. Wind is now S.ly all over our W.n and N.n coasts, and is fresh to strong in most places. In the SE. of England and over the greater part of France it is light and variable, while in the Bay of Biscay a fresh SE.ly breeze is reported. Sea is rough on our W.n and N.n coasts, moderate to smooth elsewhere. Barometrical Indications. In the course of the past 24 hours the barometer has fallen in all parts of the Kingdom, but especially in the W. and N. Over France and N. Germany, however, pressure remains high. There appears to be a large area of low pressure off our W.n coasts, which is travelling in a NE.ly direction.

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Meteorological Office, 116, Victoria Street, Westminster. S.W.

R. H. SCOTT. Secretary.

DAILY WEATHER REPORT DEC^R 29ND 1879.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29.95	26	Z	0	b	29.82	−.18	18	18	−11	Z	0	f	*	32	14	—
Hernösand ...	30.14	25	Z	0	b	29.87	−.41	19	18	−16	Z	0	f	*	45	?	—
Stockholm ...	30.27	27	N	4	c	30.12	−.35	24	23	−4	SW	2	b	*	34	23	—
Wisby	30.30	35	WNW	6	b	30.15	−.19	32	32	−1	WSW	6	b	*	36	28	—
Christiansund...	30.01	33	ESE	1	b	29.76	−.46	37	34	0	SE	4	c	4	37	27	—
Skudesnaes ...	30.12	38	SSE	8	o	30.00	−.36	42	41	+5	S	8	r	5	?	37	—
Oxö (Kristiansund) ...	30.28	21	NNW	2	o	30.15	−.28	38	37	+6	SSW	4	f	2	?	36	—
Skagen (The Skaw)	30.32	35	SW	4	b	30.22	−.28	34	34	+6	SW	4	o	1	26	28	—
Fanö	30.29	25	S	3	b	30.31	−.18	36	36	+15	WSW	4	m	*	?	21	—
Cuxhaven ...	30.47	26	S	1	b	30.44	−.11	22	22	+3	SW	1	b	*	27	18	—
Sumburgh Head	29.88	40	S	4	o	29.80	−.20	42	38	+2	W	8	o	6	43	37	0.03
Stornoway ...	29.69	44	SSW	8	o	29.96	−.02	39	38	−3	SW	4	bc	4	46	36	0.11
Thurso																	
Wick	29.94	40	S	5	b	30.00	−.09	37	37	0	W	5	bc	3	43	33	—
Nairn	29.85	40	SW	4	b	30.07	−.06	38	37	+6	SW	4	d	2	43	32	0.05
Aberdeen ...	29.99	34	SSW	3	o	30.11	−.06	36	34	+2	WSW	1	b	1	42	33	—
Leith	30.03	37	E	1	c	30.24	−.02	40	38	+8	W	4	b	*	46	32	0.02
Shields	30.15	36	SW	4	b	30.30	.00	39	37	+10	W	2	b	2	41	29	—
Spurn Head ...	30.26	30	SSE	4	o	30.02	−.05	39	38	+10	S	4	eg	4	40	? 29	—
York	30.23	31	SW	2	b	30.38	+.05	40	39	+10	W	2	b	*	42	29	—
Nottingham ...	30.27	33	SSW	2	o	30.41	+.04	39	38	+10	WNW	1	bc	*	42	29	—
Ardrossan ...	29.97	35	SSW	6	o	30.25	+.06	38	36	+2	SW	4	c	3	38	32	0.07
Mullaghmore ...	29.84	45	SW	6	o	30.28	+.26	40	38	−4	SW	5	b	4	48	34	0.24
Donaghadee ...	29.98	47	SW	5	r	30.35	+.7	35	35	−6	SW	3	bc	2	48	34	0.40
Kingstown ...	30.01	49	S	4	o	30.42	+.23	41	38	−1	WSW	3	b	3	49	39	0.05
Holyhead ...	30.10	45	SSW	5	r	30.42	+.19	43	40	+9	W	3	b	2	48	33	0.10
Liverpool (Bidston)	30.16	33	? WSW	4	b	30.42	+.14	38	37	+10	? WSW	4	o	2	44	28	0.02
Valentia	30.02	48	WSW	5	o	30.45	+.45	46	42	−2	SW	5	bcq	5	50	39	0.25
Roche's Point...	30.04	47	SW	5	r	30.49	+.41	38	36	−6	W	1	b	3	50	35	0.40
Pembroke ...	30.17	48	S	4	c	30.48	+.25	44	42	+3	NW	2	b	3	49	40	0.56
Scilly	30.22	50	SSW	6	o	30.53	+.31	47	45	−2	NW	6	c	6	53	45	0.18
Prawle Point ...	30.25	47	SSW	4	o	30.45	+.44	40	39	−4	NNW	2	b	4	49	39	0.08
Hurst Castle ...	30.34	41	S	2	bc	30.41	+.03	42	42	+11	NE	3	r	3	43	31	0.02
Dover	30.39	35	SW	3	o	30.46	+.06	38	37	+10	WSW	4	bc	2	38	27	—
London	30.37	30	SSW	1	of	30.42	+.03	40	39	+14	WSW	1	om	*	40	25	—
Oxford	30.34	32	SW	1	o	30.45	+.05	41	40	+13	Z	0	o	*	41	28	0.07
Cambridge ...	30.35	30	S	1	o	30.40	+.03	37	36	+9	S	1	o	*	38	26	—
Yarmouth ...	30.34	28	SW	1	bc	30.40	.00	36	35	+6	SW	2	f	2	36	26	—
The Helder ...	*	*	*	*	*	30.40	−.03	22	22	+1	S	1	c	*	*	*	*
Cape Gris Nez	30.40	26	S	1	b	30.44	+.03	39	34	+20	SSW	4	c	2	?	19	—
Jersey	30.42	37	S	1	f	30.49	+.09	45	44	+12	NW	2	c	2	45	32	—
Brest	30.33	46	S	5	o	30.36	?	45	44	+3	NNW	1	bc	2	46	?	0.12
Lorient	30.39	38	SE	3	b	30.50	+.14	42	41	+14	NE	1	m	3	?	37	0.04
Rochefort ...	30.44	33	SE	3	b	30.51	+.10	30	28	+3	SE	1	c	2	45	?	—
Biarritz	30.43	47	E	1	b	30.55		43	37		SSW	4	c	3	50	37	—
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	30.51	+.05	25	23	+12	SW	3	b	*	27	18	—
Charleville ...														*			
Paris	30.48	17	?	3	b	30.56	+.07	12	12	+1	NE	1	b	*	*	*	—
Lyons														*			
Toulon	30.39	54	NW	3	b	30.53	+.05	46	39	−2	E	4	b	2	59	45	—

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30.19	37	35	SSE	8	o	5	Valentia ...							
Sumburgh Head								Scilly							*
Stornoway ...								Dover							
Aberdeen ...								London ...							
Shields								Yarmouth ...							
Ardrossan ...								Jersey							
Mullaghmore ...								Rochefort ...	30.42	41	37	SE	3	b	2
Holyhead... ...															

EXPLANATION OF COLUMNS.

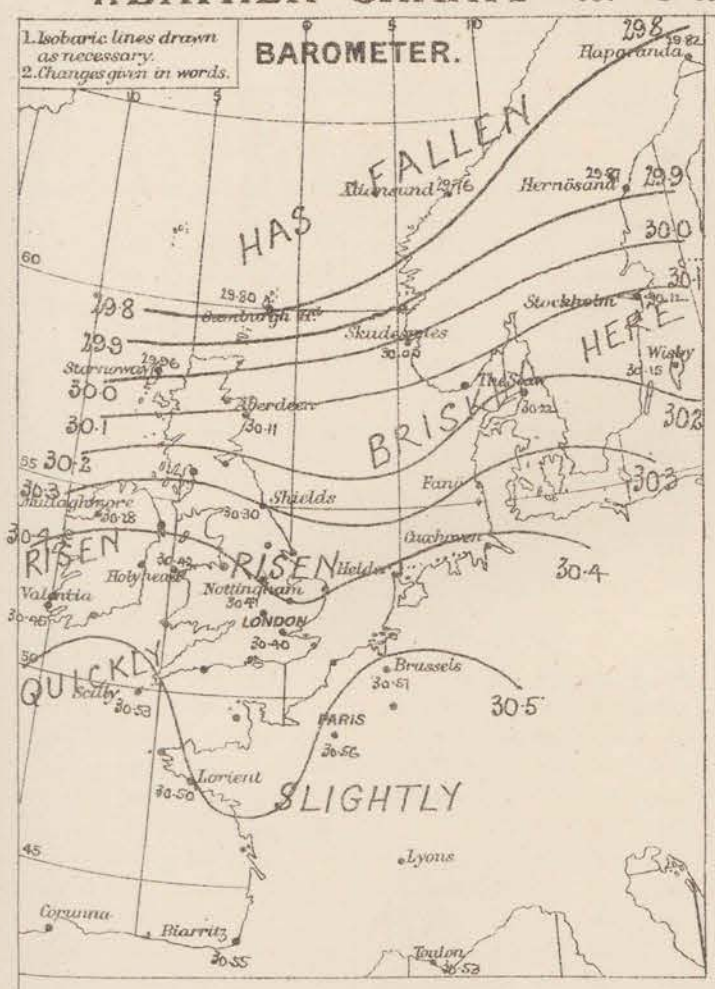
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

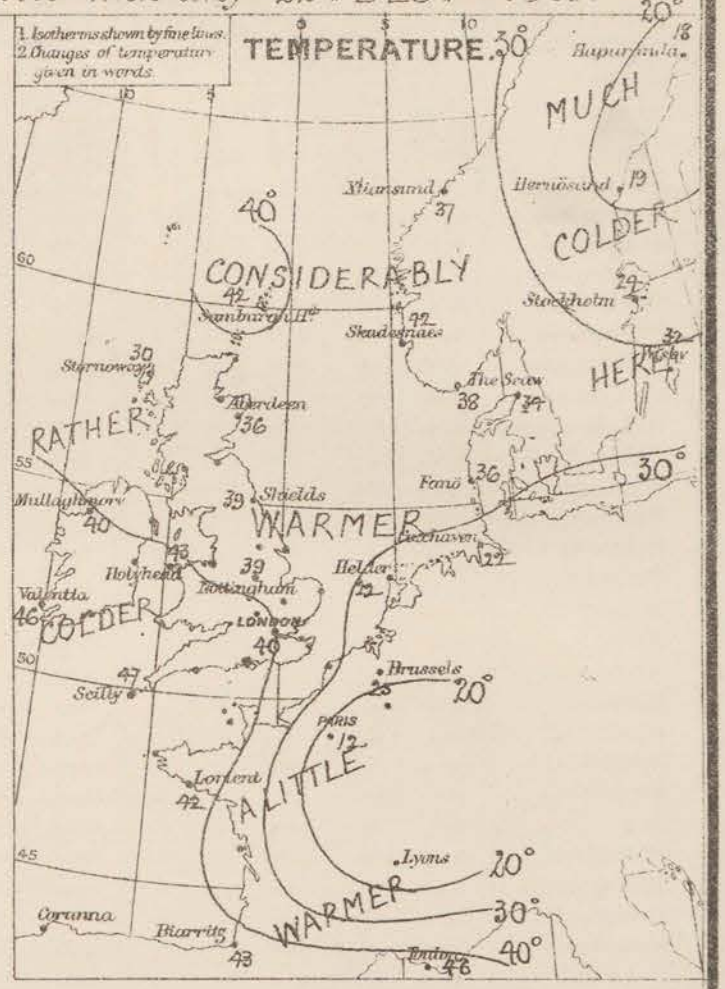
* AN ASTERISK is inserted in all places for which information is not usually received.

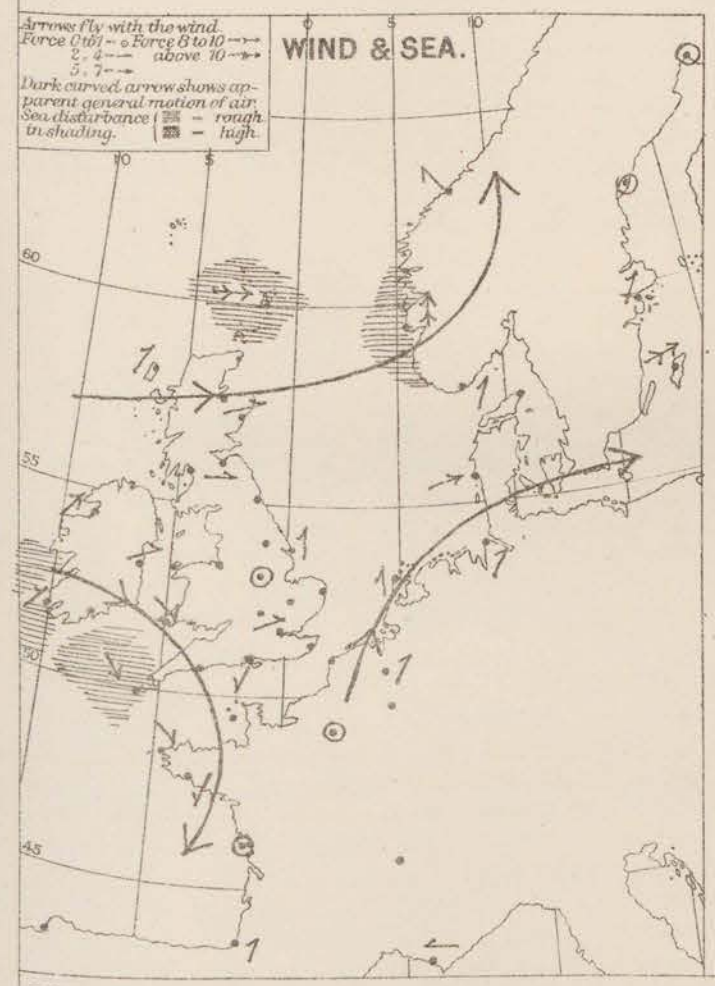
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

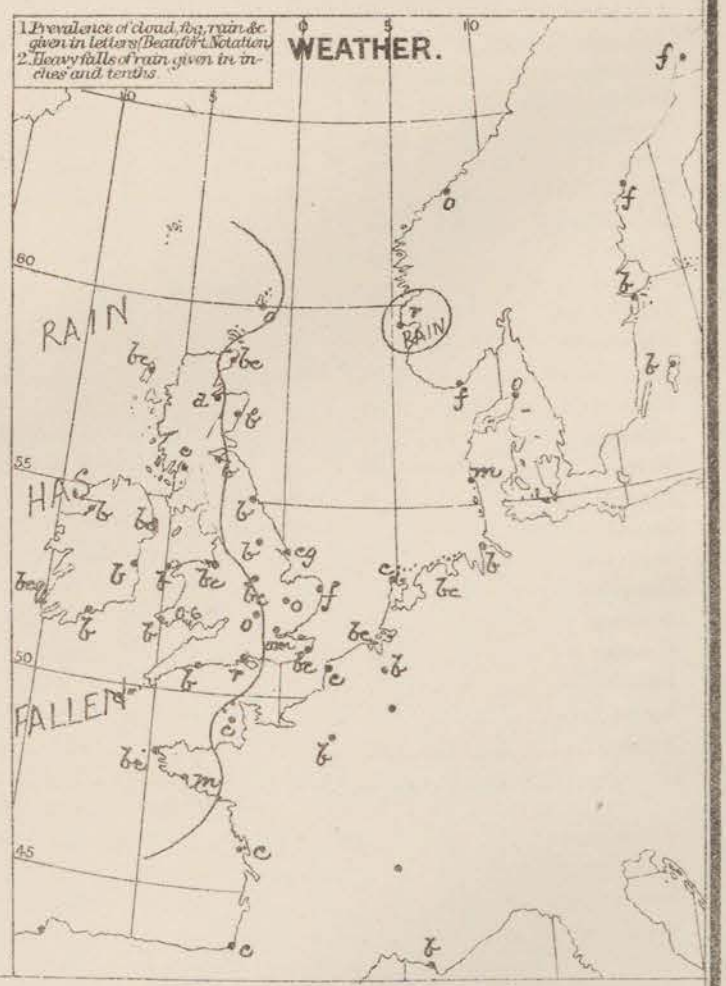
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS *for 8 a.m. on Monday 22nd Decr. 1879.*









REMARKS. Weather is fine at nearly all our outer N. and W. stations, as well as over the S. and E. of France, N. Germany and the Baltic, but in the SE of England the sky is overcast with fog and drizzling rain. Rain is falling at Skudesnaes and fog prevails over N. Sweden. Rain occurred on our W. and SW. coasts yesterday and in the W. of Scotland. Temperature has fallen a few degrees in the Hebrides, over Ireland and the SW. of England, but has risen decidedly quickly over Central and E. England. Readings range over these Islands from 47° at Scilly to 36° at Stornoway and Aberdeen, over France from 47° at Lorient to 12° at Paris, and over the countries to the E. of the North Sea from 42° at Skudesnaes to 18° at Haparanda and 22° at the Helder. Wind is NW. over the SW. of England and the W. half of the Channel, but is SW. to N. on other coasts. It is light to moderate in force, but blows a gale at Sumburgh Head. On our W. coasts it is apparently backing. Sea rough in the extreme SW. W. and N. moderate to smooth elsewhere. Barometrical Indications. Pressure is decreasing briskly in the Countries to the E. of the North Sea, but is increasing over these Islands and France. A large area of high readings lies off our SW. coast, and over France, and moderate gradients exist over N. Britain. NOTE. CHRISTMAS-DAY REPORT WILL NOT BE ISSUED UNTIL SATURDAY.

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Meteorological Office. 116, Victoria Street, Westminster: S.W.

R. H. SCOTT. Secretary.

Dangerfield Lith 22 Bedford St Covent Garden

DAILY WEATHER REPORT 23rd Decr 1879.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 6).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29.59	30	S	2	o	29.39	− .43	28	28	+ 10	SW	4	b	*	30	16	—
Hernösand ...	29.79	24	L	o	o	29.79	− .08	36	32	+ 19	SSW	4	bc	*	?	12	—
Stockholm ...	30.01	38	W	6	o	30.10	− .02	37	34	+ 13	W	4	o	*	39	?	—
Wisby	30.08	36	WSW	8	o	30.13	− .02	38	35	+ 6	W	8	o	*	?	28	—
Christiansund...	29.75	42	WSW	9	bc	29.71	− .05	45	43	+ 8	SW	6	r	6	45	27	0.55
Skudesnaes ...	30.30	43	WSW	6	g	? 30.24	+ ? .24	46	45	+ 4	WSW	6	o	2	?	41	0.24
Oxö (Xtiansund) ...	30.30	39	WSW	4	b	30.15	.00	45	45	+ 7	WSW	6	o	3	?	37	—
Skagen (The Skaw)	30.32	38	W	6	b	30.28	+ .04	40	39	+ 6	W	7	o	4	?	32	—
Fanö	30.55	36	W	4	b	30.34	+ .23	39	37	+ 3	W	4	c	*	?	26	—
Cuxhaven ...	30.57	32	WSW	3	f	30.75	+ .32	33	33	+ 11	SW	5	f	*	?	19	—
Sumburgh Head	29.96	43	S	7	r	30.02	+ .32	51	49	+ 9	SW	8	o	7	51	39	0.02
Stornoway ...	29.93	48	SW		r	30.09	+ .13	51	49	+ 12	SW	7	o	6	53	38	0.24
Thurso																	
Wick	30.00	43	W	6	o	? 30.06	+ .06	47	47	+ 10	SW	3	bc	2	53	35	—
Nairn	30.09	45	W	6	b	30.19	+ .12	50	48	+ 12	W	5	c	3	53	35	0.02
Aberdeen ...	30.22	40	SSW	4	o	30.29	+ .18	48	45	+ 12	N	1	bc	2	50	36	—
Leith	30.36	44	SW	6	b	30.43	+ .22	50	47	+ 10	WSW	6	bc	*	51	39	0.01
Shields	30.51	40	SW	1	bc	30.53	+ .23	46	45	+ 7	WSW	2	bc	2	48	39	—
Spurn Head ...	30.61	37	SW	3	b	30.66	+ .34	37	35	− 2	SW	4	b	4	41	34	—
York	30.60	39	W	2	b	30.65	+ .27	35	34	− 5	S	4	b	*	47	33	—
Nottingham ...	30.68	34	SSW	1	b	30.73	+ .32	30	30	− 9	L	0	b	*	45	30	—
Ardrossan ...	30.37	46	SW	7	c	30.45	+ .20	49	47	+ 11	SSW	7	o	6	49	?	0.06
Mullaghmore ...	30.30	49	SW	9	o	30.?	?	49	48	+ 9	SW	8	bcq	6	52	45	0.03
Donaghadee ...	30.45	43	W	6	c	30.52	+ .17	48	48	+ 13	WSW	3	c	1	50	?	—
Kingstown ...	30.55	45	S	3	b	30.56	+ .14	46	44	+ 3	SSE	2	b	2	53	38	0.01
Holyhead ...	30.58	45	SSW	4	b	30.60	+ .18	47	46	+ 4	SSW	5	m	4	48	43	—
Liverpool (Bidston)	30.62	40	S	3	b	30.66	+ .24	41	39	+ 3	SSE	2	bc	1	45	?	—
Valentia	30.34	49	SSW	7	r	30.56	+ .11	51	48	+ 5	S	4	c	4	52	45	0.16
Roche's Point...	30.60	48	WSW	4	o	30.62	+ .13	47	45	+ 9	SW	4	bc	4	49	38	0.03
Pembroke ...	30.67	46	SSW	1	b	30.69	+ .21	46	44	+ 2	SSW	3	c	4	47	44	—
Scilly	30.73	45	SW	2	c	30.72	+ .20	45	43	− 2	S	4	c	6	49	43	0.01
Prawle Point ...	30.74	39	NW	2	b	30.75	+ .30	37	36	− 3	NNE	1	b	2	52	34	—
Hurst Castle ...	30.73	35	N	1	b	30.78	+ .37	36	36	− 6	E	2	cm	2	46	29	—
Dover	30.69	39	L	o	b	30.81	+ .35	37	37	− 1	WSW	2	of	1	41	34	—
London	30.69	31	L	o	f	30.80	+ .38	32	32	− 8	L	o	f	*	44	28	—
Oxford	30.74	36	NW	1	b	30.71	+ .26	28	28	− 13	L	o	of	*	46	23	—
Cambridge ...	30.70	32	L	o	b	30.76	+ .36	27	27	− 10	S	1	b	*	44	25	—
Yarmouth ...	30.65	35	NNW	2	bc	30.75	+ .35	31	31	− 5	SW	2	bm	2	39	30	—
The Helder ...	*	*	*	*	*	?	?	36	36	+ 14	?	2	o	*	*	*	*
Cape Gris Nez	30.69	37	S	1	m	30.79	+ .35	33	33	− 6	L	o	f	o	41	?	—
Jersey	30.74	43	N	2	b	30.79	+ .30	38	38	− 7	NE	1	f	1	48	38	—
Brest	30.75	41	NNW	1	b	30.74	+ .18	37	35	− 8	NE	0	b	? 7	48	34	—
Lorient	30.53	40	NNW	3	b	? 30.70	+ .20	38	37	− 4	E	4	m	4	46	36	—
Rochefort ...	30.66	34	SE	3	m	30.70	+ .19	25	23	− 5	ENE	7	m	2	50	?	—
Biarritz	30.62	48	L	o	b	30.61	+ .06	36	34	− 7	ESE	4	o	4	52	32	—
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	30.54	+ .33	24	?	− 1	L	o	f	*	35	23	—
Charleville ...														*			
Paris	30.75	20	?	1	b	30.80	+ .24	16	16	+ 4	ESE	1	b	*	*	*	—
‡ Lyons	30.72	20	NW	1	b	30.84	+ .19	9	9	+ 1	NE	1	m	*	31	8	—
Toulon	30.56	50	NW	3	b	30.62	+ .09	48	?	+ 2	E	4	b	2	52	45	—

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30.16	42	39	W	6	bcf	4
Sumburgh Head	29.97	42	40	W	7	r	6
Stornoway ...	29.97	45	44	SW	7	r	6
Aberdeen ...	30.25	39	37	SSW	3	b	1
Shields	30.46	44	42	WSW	1	bc	1
Ardrossan ...	30.38	44	42	SW	8	c	4
Mullaghmore ...	30.31	49	44	SW	8	cm	6
Holyhead... ...	30.34	46	43	SW	4	b	3

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valentia ...	30.50	49	47	SW	7	rw	6
Scilly	30.67	49	44	WNW	4	b	6
Dover	30.60	40	39	WSW	1	of	1
London ...	30.62	44	43	WSW	1	bcm	2
Yarmouth ...	30.53	39	39	WNW	2	bcf	2
Jersey... ...	30.66	47	44	NNW	3	b	2
Rochefort ...	30.58	41	37	SE	1	m	2

Pressure is increasing briskly in the S. and SE. but in the W. and N. a decrease has commenced. SW. winds strong to a gale in the W. and N. prevail generally, and rainy unsettled weather has set in on our W. coasts.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

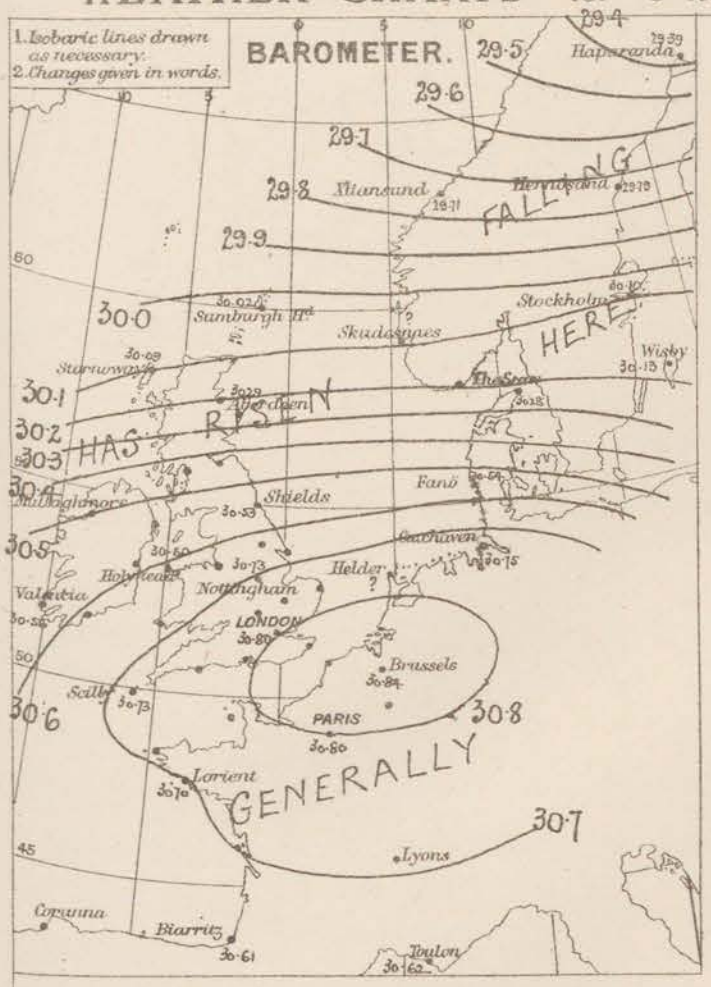
* AN ASTERISK is inserted in all places for which information is not usually received.

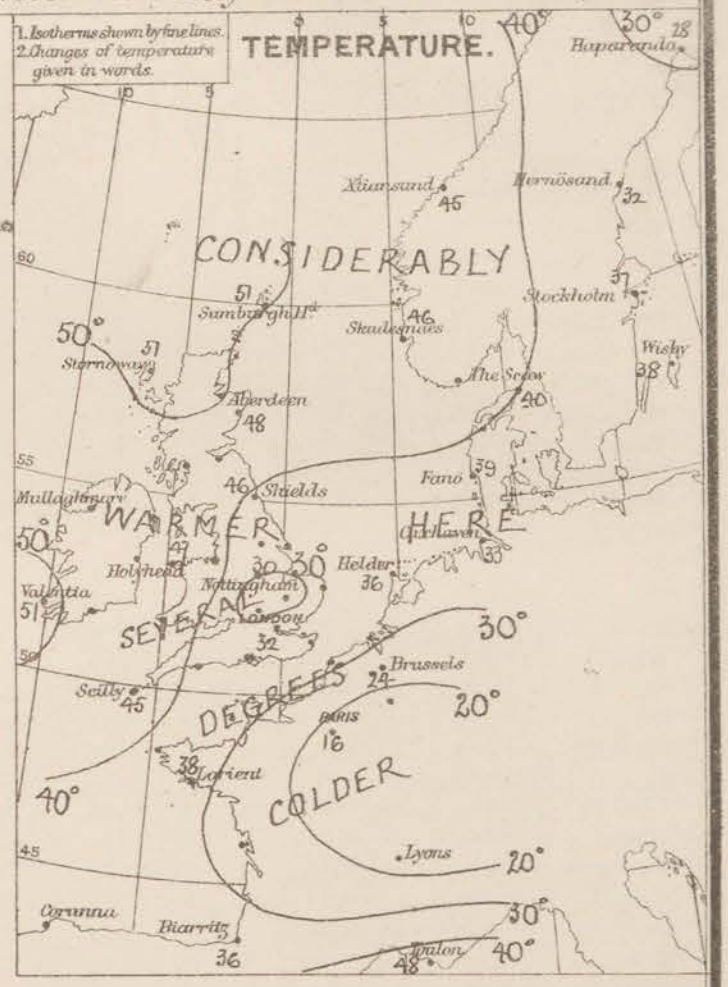
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

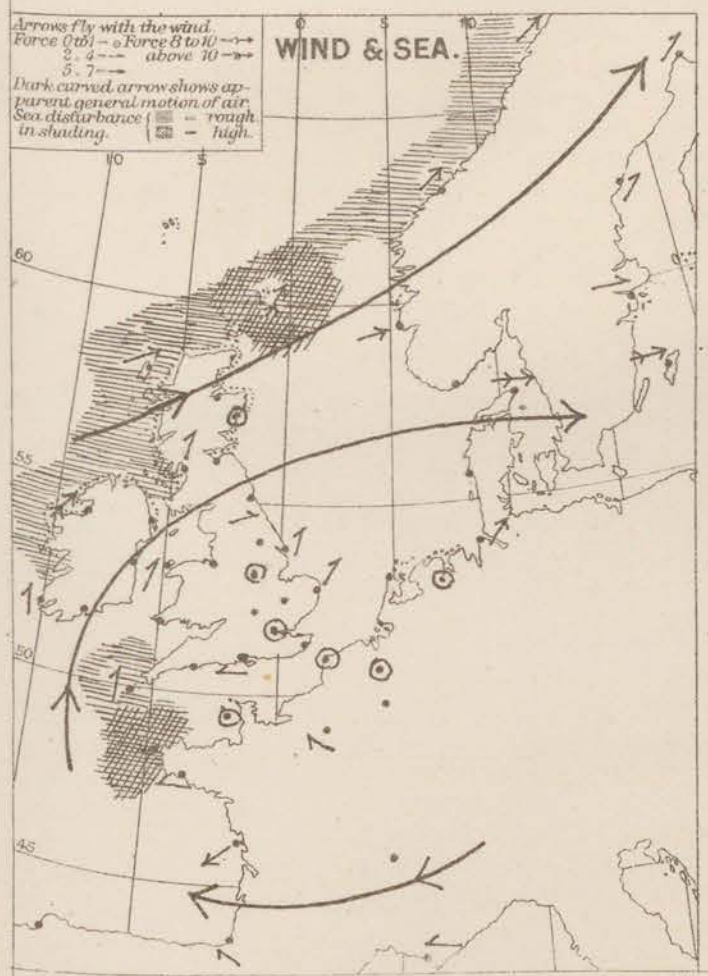
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

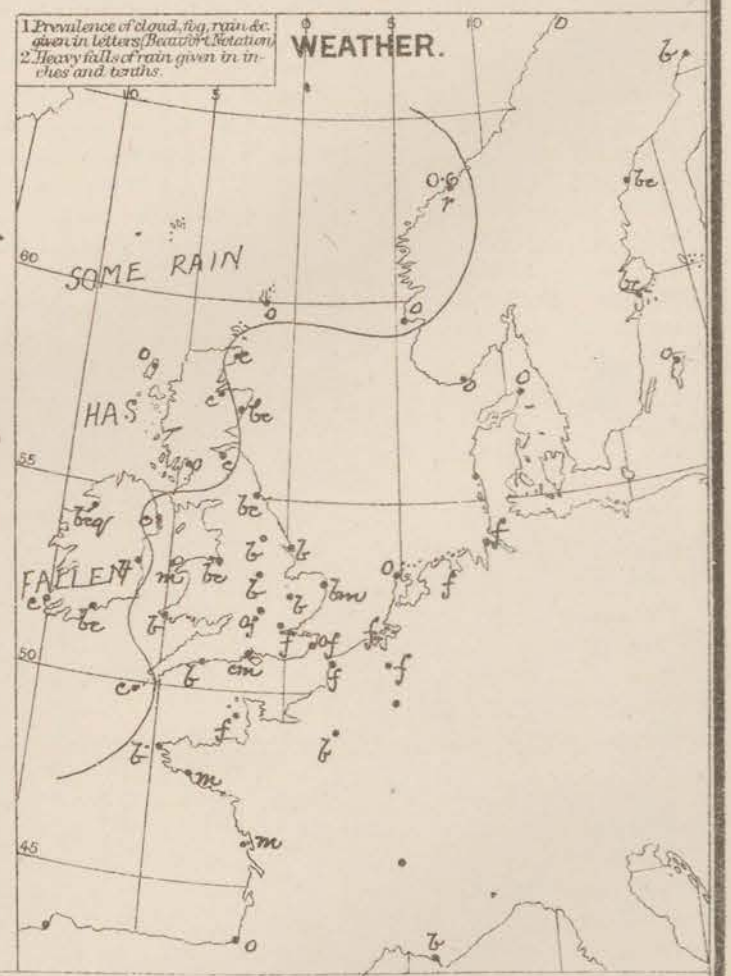
‡ Received too late for insertion in Charts.

WEATHER CHARTS for 8 a.m. on Tuesday 23 Dec: 1879.









A dotted line is drawn when the signals are out of sorts.

REMARKS. Weather is fine though slightly misty over the greater part of France, England and Ireland, but in the N. and W. of Scotland as well as over Scandinavia the sky is overcast, while in SE England and over N. Germany dense fog prevails. A very dense fog prevailed in the Metropolis last night. Slight rain has fallen at many N^rn and W^rn stations, and a thunderstorm was reported from Christiansund at 6 p.m. Temperature has fallen several degrees over Ireland, E^rn and S^rn England as well as in the W. and N. of France, but has risen briskly elsewhere. Slight frost prevails in the SE, but the weather is mild in the W. and N.; readings range over these Islands from 51° at Valentia and Sumburgh Head, to 27° at Cambridge, over France from 37° at Brest to 16° at Paris, and in the countries to the E^rd of the Baltic Sea from 4° at Christiansund to 31° at Flushing. Wind is light and variable at the SE^rn stations, moderate from E. over France, and from S. on our S. and W. coasts, and strong to a gale from W. over N. Ireland, Scotland and Scandinavia. A fresh to strong gale was experienced on our N. and NW coasts last night. Sea is rough in the W. and N. generally, and high off the Shetlands. Barometrical Indications. Pressure has increased in nearly all parts of W^rn Europe – briskly at the SE^rn stations. An anticyclone, in which readings exceed 30.8 in. lies over the SE^rn districts, while a large depression is shown in the far N.

Warnings. The S. Cone was hoisted in the W. NW. and W. yesterday, but has been lowered in the W. this morning.

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R. H. SCOTT.
Secretary.

Dancer Lith. 22 Bedford St. Covent Garden
Dancer Lith. 22 Bedford St. Covent Garden

DAILY WEATHER REPORT DEC: 24TH 1879.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29·42	31	SW	4	o	29·21	-·18	39	39	+ 11	W	4	b	*	39	23	–
Hernösand ...	29·75	38	WSW	6	b	29·61	-·18	42	37	+ 6	SW	2	o	*	?	21	–
Stockholm ...	29·99	39	WSW	4	c	30·00	-·10	39	37	+ 2	WNW	4	o	*	39	32	–
Wisby	30·18	41	W	6	b	30·02	-·11	38	37	0	WSW	6	bc	*	45	27	–
Christiansund...	29·77	32	WSW	9	o	29·47	-·24	50	44	+ 5	SW	9	o	7	50	?	0·35
Skudesnaes ...	30·23	44	SSW	6	bc	29·93	?	43	41	- 3	SSW	7	rf	6	46	43	–
Oxö (Xtiansund) ...	?	45	WSW	4	o	30·04	-·11	42	41	- 3	SW	6	f	3	46	39	–
Skagen (The Skaw)	30·30	42	W	5	o	30·14	-·14	38	37	- 2	W	5	b	3	43	32	–
Fanö	30·47	36	W	4	bc	30·30	-·24	35	34	- 4	SSW	9	bc	*	39	34	–
Cuxhaven ...	30·72	32	SW	4	f	30·47	-·28	30	30	- 3	SW	1	f	*	32	27	–
Sumburgh Head	29·99	49	WSW	6	c	29·65	-·37	43	41	- 8	WSW	6	o	6	51	43	0·31
Stornoway ...	29·98	49	SW	8	r	29·78	-·31	40	38	- 11	WSW	5	b	5	51	36	0·37
Thurso																	
Wick	30·07	46	W	4	o	29·71	-·35	?39	?37	- 8	W	3	o	2	50	38	0·07
Nairn	30·10	49	W	5	bc	29·87	-·32	38	37	- 12	W	3	c	3	50	38	0·02
Aberdeen ...	30·18	47	SSW	4	c	29·92	-·37	40	39	- 8	WSW	1	c	2	54	40	0·05
Leith	30·31	47	WSW	5	c	30·02	-·41	42	41	- 8	WSW	5	c	*	52	42	–
Shields	30·43	47	WSW	2	mb	30·13	-·40	43	41	- 3	WSW	5	bc	1	52	37	–
Spurn Head ...	30·49	37	S	5	bc	30·29	-·37	34	33	- 3	SSE	5	bc	5	42	29	–
York	30·54	37	S	2	b	30·26	-·39	32	32	- 3	S	1	b	*	45	30	–
Nottingham ...	30·61	36	SSW	2	o	30·35	-·38	32	31	+ 2	SSW	3	b	*	40	29	–
Ardrossan ...	30·35	48	SSW	5	o	30·07	-·38	42	40	- 7	SSW	3	c	3	49	41	0·06
Mullaghmore ...	30·24	49	SW	8	ogq	30·16	?	41	40	- 8	WSW	6	rqq	6	50	39	0·40
Donaghadee ...	30·36	46	SSW	4	c	30·15	-·37	41	40	- 7	W	2	o	1	48	40	0·01
Kingstown ...	30·45	46	SE	1	b	30·23	-·33	45	45	- 1	W	1	om	2	53	42	0·03
Holyhead ...	30·49	45	SW	6	c	30·27	-·33	47	45	0	SW	6	mw	4	49	43	0·01
Liverpool (Bidston)	30·52	37	SSE	2	b	30·25	-·41	44	40	+ 3	SSE	2	c	2	47	32	–
Valentia	30·38	50	SSE	6	mqw	30·32	-·24	44	43	- 7	WNW	3	bc	3	52	44	0·32
Roche's Point...	30·48	46	SW	4	bc	30·27	-·35	45	44	- 2	N	4	o	4	50	45	0·05
Pembroke ...	30·57	45	S	4	c	30·34	-·35	47	44	+ 1	SW	5	c	4	47	44	–
Scilly	30·56	48	S	5	o	30·44	-·29	48	44	+ 3	WSW	6	o	7	50	43	–
Prawle Point ...	30·60	42	ESE	2	c	30·43	-·32	41	40	+ 4	WSW	4	b	3	50	35	–
Hurst Castle ...	30·65	36	E	3	f	30·47	-·31	27	27	- 9	E	0	f	2	?43	27	–
Dover	30·70	33	E	0	of	30·44	-·37	37	35	0	WSW	4	b	3	38	29	–
London	30·67	31	SW	1	of	30·45	-·35	23	?	- 9	SW	1	bf	*	37	23	–
Oxford	30·64	35	SSW	1	o	30·43	-·28	32	32	+ 4	NW	2	o	*	37	27	–
Cambridge ...	30·64	32	S	1	f	30·40	-·36	28	27	+ 1	S	1	o	*	35	23	–
Yarmouth ...	30·66	30	SW	2	f	30·41	-·34	30	29	- 1	SW	2	bf	2	33	27	–
The Helder ...	*	*	*	*	*	30·43	?	27	27	- 9	S	1	bc	*	*	*	*
Cape Gris Nez	30·71	33	SSE	1	b	30·47	-·32	30	30	- 3	SSW	4	b	2	36	28	–
Jersey	30·65	35	E	2	bm	30·53	-·26	33	32	- 5	SW	2	bm	2	39	32	–
Brest	30·58	34	E	1	b	30·50	-·24	38	37	+ 1	SE	3	o	5	41	?	–
Lorient																	
Rochefort ...	30·58	31	ENE	4	m	30·52	-·18	25	25	0	ESE	5	m	2	43	21	–
Biarritz	30·54	41	E	4	c	30·51	-·10	41	36	+ 5	S	3	b	4	48	32	–
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*									*			
Charleville ...	?	12	E	1	b	?	?	-1	?	?	E	1	m	*	26	?	–
Paris	30·71	22	?	1	b	30·58	-·22	12	12	- 4	NE	1	b	*	*	*	–
Lyons														*			
Toulon																	

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30·27	45	44	W	6	fo	6
Sumburgh Head	30·00	51	48	SW	7	c	7
Stornoway ...	30·04	49	48	SW	8	r	7
Aberdeen ...	30·23	52	46	WNW	4	bc	2
Shields	30·49	51	48	WSW	3	bc	1
Ardrossan ...	30·40	48	46	WNW	6	o	5
Mullaghmore ...	30·33	50	48	SW	9	ogq	6
Holyhead... ...	30·56	46	45	WNW	6	c	4
Valentia ...	30·48	51	49	S	5	og	5
Scilly	30·65	48	46	S	5	c	7
Dover	30·74	35	35	WSW	1	o	0
London ...	30·75	37	37	SW	1	o	*
Yarmouth ...	30·71	33	32	SW	2	f	2
Jersey... ...	30·72	38	37	ENE	1	bf	1
Rochefort ...	30·65	36	33	ENE	4	f	2

Pressure is decreasing everywhere – most in the W. and SW. The SW. wind has again increased to a strong gale at Mullaghmore, and a fresh gale at Stornoway. The weather is dull or very cloudy except in the NE.

EXPLANATION OF COLUMNS.

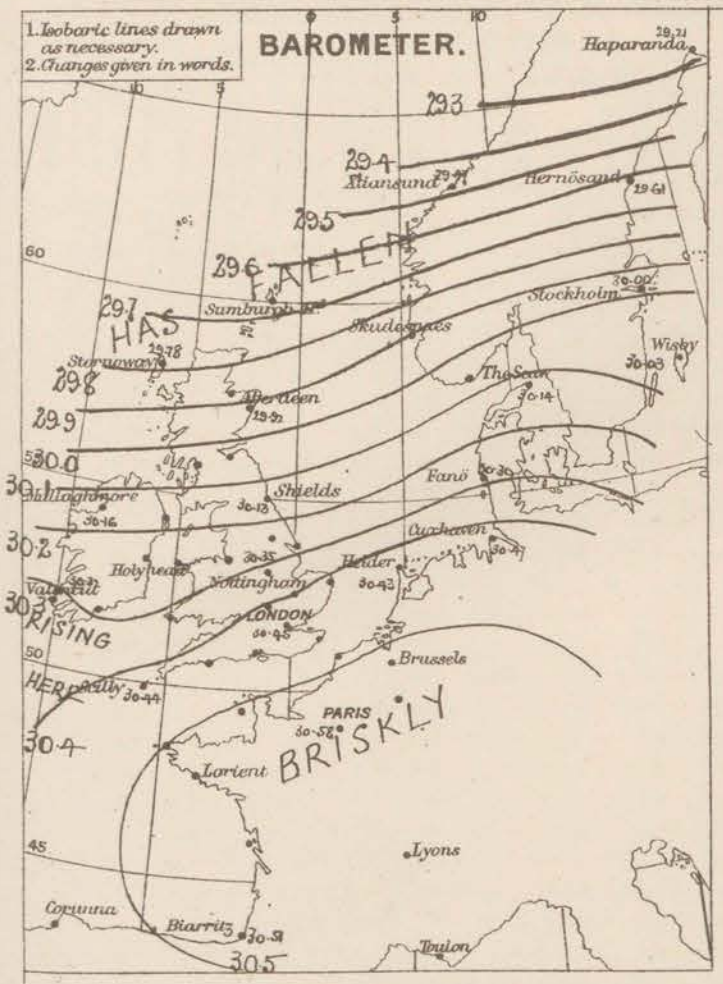
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

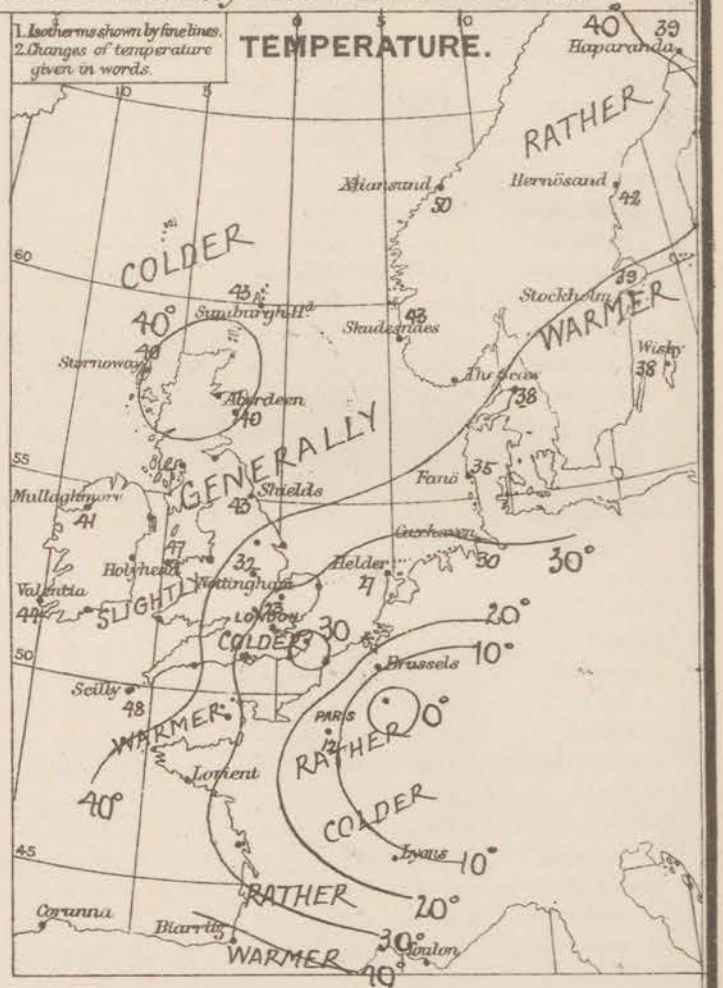
* AN ASTERISK is inserted in all places for which information is not usually received.

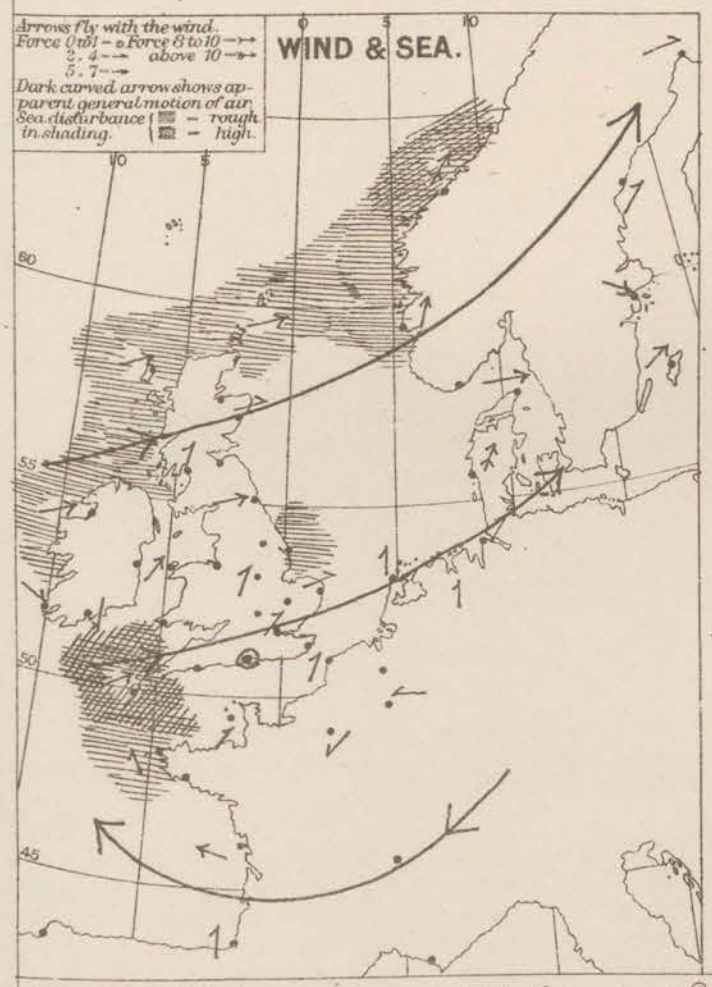
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

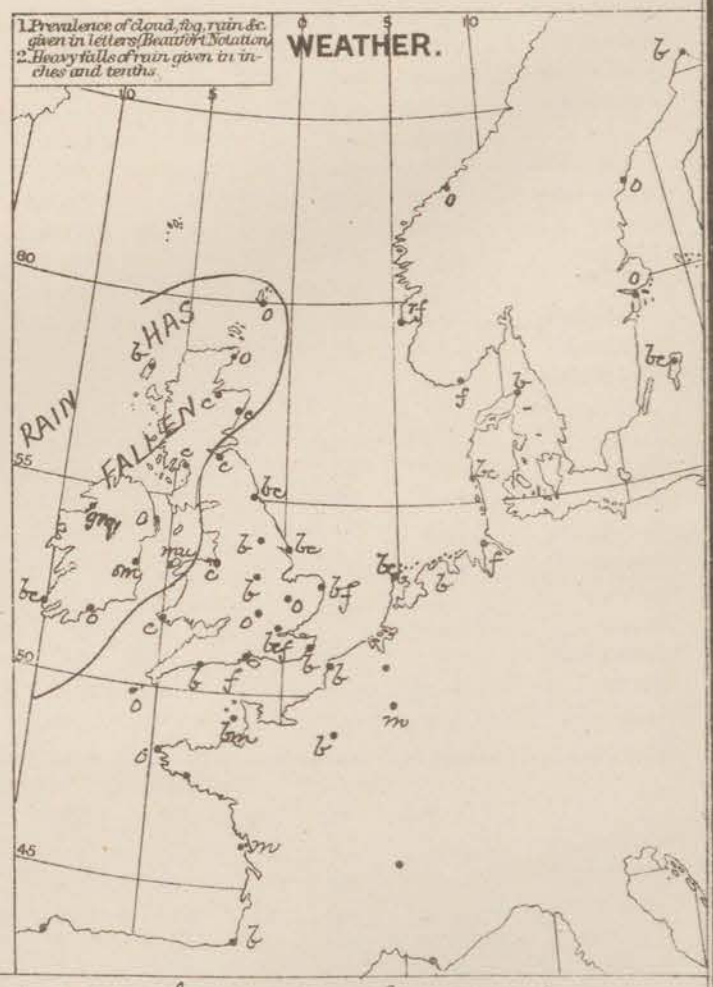
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS *for 8 a.m. on Wednesday 24th Dec: 1879.*









REMARKS. Weather is dull and unsettled in Ireland and Scotland, and over the greater part of Scandinavia, but fine or moderately so in most other places. Some fog still prevails in the SE of England, and dense mist over France. Slight rain fell in the W. and N. during yesterday and last night. Temperature has risen a little over the W. of France, Central and SW. England and Sweden but has fallen lightly elsewhere. Slight frost prevails in the SE. of England, and hard frost over the NE. of France. Readings range from 48° at Scilly and 43° in the Shetlands to 23° in London, and −1° at Charleville. During yesterday the thermometer rose to about 50° in the W and N, while in the night temperature fell to 20° at Nottingham and Doncaster, to 27° at Oxford and Yarmouth and to 23° at Cambridge and in London. Wind is M. to SW. over nearly all over and the Scandinavian coasts, but remains E. over France. It blows freshly or strongly at our W. and N. stations and in W. Norway, but is light or moderate in the SE. Sea is high at Scilly, rough in the W. and N. generally.

Barometrical Indications. Pressure has decreased lightly in all places since yesterday morning, but a slight recovery appears to have commenced at Valentia. The anticyclone, now about 30·5 ins., lies over France, and the lowest readings are still found over N. Scandinavia, but a very small subsidiary depression has crossed S. Ireland this morning.

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Meteorological Office.
116, Victoria Street, Westminster. S.W.

R. H. SCOTT.
Secretary

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Dangerfield Lith. 22 Bedford St. Covent Garden

DAILY WEATHER REPORT DEC. 25th 1879.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29·14	29	W	2	o	29·23	+·02	16	?	+23	SW	2	b	*	39	16	-
Hernösand ...	29·30	41	SW	2	c	29·40	-·21	34	31	- 8	SW	2	b	*	46	34	—
Stockholm ...	29·66	39	WSW	6	c	29·64	-·36	35	33	- 4	W	4	b	*	39	34	—
Wisby	29·88	37	W	8	b	29·75	-·27	39	37	+ 1	W	8	b	*	41	34	-
Christiansund...	29·06	36	WSW	4	c	29·70	+·23	37	37	- 13	NW	9	ors	7	50	27	1·26
Skudesnaes ...	29·80	43	W	8	c	29·98	+·05	43	40	0	WNW	8	r	6	43	?	-
Oxö (Xtiansund) ...	29·87	42	WSW	7	bc	29·88	-·16	42	41	0	W	6	b	4	43	39	-
Skagen (The Skaw)	29·89	39	WSW	9	b	29·85	-·29	40	38	+ 2	W	9	b	6	?	34	-
Fanö	30·13	38	SW	4	c	30·21	-·08	37	37	+ 3	W	4	bc	*	39	34	-
Cuxhaven ...	30·33	29	WSW	2	f	30·39	-·08	35	35	+ 5	W	5	f	*	?	27	-
Sumburgh Head	29·66	43	W	8	bc	30·28	+·63	40	37	- 3	NW	3	o	4	44	38	0·25
Stornoway ...	29·91	39	W	5	bc	30·27	+·49	38	37	- 2	WSW	2	bc	2	47	35	0·18
Thurso																	
Wick	29·91	37	NW	5	bc	30·31	+·60	36	35	- 3	NW	1	o	1	41	33	0·10
Nairn	29·99	40	W	3	bc	30·33	+·46	38	36	0	Z	0	bc	1	40	36	0·05
Aberdeen ...	30·02	39	SW	1	b	30·34	+·42	38	35	- 2	W	1	b	1	43	35	-
Leith	30·18	40	WSW	5	b	30·47	+·39	39	38	- 3	WSW	4	c	*	44	38	0·03
Shields	30·25	41	WNW	2	b	30·49	+·34	37	36	- 6	W	3	bcm	2	45	36	-
Spurn Head ...	30·34	36	SSW	4	b	30·49	+·20	35	34	+ 1	SW	3	bc	4	39	32	-
York	30·31	38	W	2	b	30·53	+·27	32	32	0	WSW	1	b	*	43	30	—
Nottingham ...	30·40	37	WSW	1	b	30·59	+·24	27	26	- 5	Z	0	f	*	40	26	-
Ardrossan ...	30·21	42	WNW	5	bc	30·43	+·36	43	41	+ 1	SW	3	b	3	48	38	0·18
Mullaghmore ...	30·30	43	WSW	5	b	30·41	+·25	39	38	- 2	ESE	4	b	5	46	37	0·07
Donaghadee ...	30·32	38	W	2	b	30·47	+·32	34	33	- 4	W	3	bc	1	44	33	-
Kingstown ...	30·40	42	WSW	2	b	30·49	+·26	38	34	- 4	W	1	b	1	46	36	0·02
Holyhead ...	30·37	43	WNW	2	b	30·49	+·22	38	37	- 9	SSW	2	b	5	49	37	0·38
Liverpool (Bidston)	30·36	39	WSW	3	b	30·52	+·27	36	34	- 8	SSW	2	b	2	45	36	0·05
Valentia	30·44	40	NW	1	bc	30·42	+·10	41	40	- 3	SE	3	bc	3	51	37	-
Roche's Point ...	30·43	45	NW	3	bc	30·45	+·18	36	35	- 9	NW	2	c	3	47	33	-
Pembroke ...	30·43	44	NNW	1	b	30·52	+·18	35	35	- 12	ENE	1	fo	4	48	33	0·03
Scilly	30·46	48	W	6	o	30·50	+·06	48	47	0	S	5	o	6	52	46	0·03
Prawle Point ...	30·47	46	W	2	o	30·53	+·10	45	44	+ 4	S	1	o	2	47	40	-
Hurst Castle ...	30·47	40	WNW	2	c	30·56	+·09	39	39	+ 12	E	1	f	1	42	?27	0·02
Dover	30·47	37	W	2	b	30·58	+·14	38	38	+ 1	N	2	of	1	42	34	-
London	30·45	40	W	2	bc	30·57	+·12	34	34	+ 11	Z	0	f	*	40	23	-
Oxford	30·41	40	SW	1	o	30·56	+·13	30	30	- 2	Z	0	of	*	43	30	0·01
Cambridge ...	30·40	35	S	1	o	30·56	+·16	26	26	- 2	S	1	f	*	39	25	-
Yarmouth ...	30·36	34	WSW	3	bc	30·54	+·13	28	28	- 2	W	2	f	2	34	27	—
The Helder ...	*	*	*	*	*	30·42	-·01	37	36	+ 10	WSW	1	b	*	*	*	*
Cape Gris Nez																	
Jersey	30·55	40	WNW	1	bc	30·60	+·07	35	35	+ 2	SE.	1	b	1	42	33	-
Brest	30·53	38	E	3	m	30·54	+·04	35	35	- 3	ESE	3	b	0	43	34	—
Lorient	30·52	33	E	4	f	30·52	+·01	28	25	- 2	ESE	4	m	4	34	28	-
Rochefort ...	30·52	36	ESE	3	m	30·49	-·03	23	23	+ 3	E	4	m	2	43	?	-
Biarritz	30·47	45	SSE	1	b	30·45	-·06	36	34	- 5	S	1	b	7	61	32	-
Corunna	*	*	*	*	*	30·42	-·03	40	*	0	NE	2	b	7	*	*	*
Brussels	*	*	*	*	*	30·59	+·07	29	?	+ 9	SW	1	f	*	34	2	-
Charleville ...	?	28	E	1	b	?	?	2	?	+ 3	SSE	1	m	*	16	?	-
Paris	30·56	20	?	2	b	30·62	+·04	21	21	+ 9	NE	1	f	*	*	*	—
Lyons	30·63	20	WNW	1	b	30·66	-·06	22	22	+ 14	ENE	1	m	*	29	4	-
Toulon	30·56	48	E	1	b	30·50	-·09	45	37	- 2	Z	0	b	1	54	45	—

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29·81	43	41	WSW	6	o	6
Sumburgh Head	29·60	40	39	WSW	8	o	7
Stornoway ...	29·85	41	39	W	5	bcq	5
Aberdeen ...	29·98	42	38	SW	3	b	2
Shields	30·19	45	42	WNW	2	bc	1
Ardrossan ...	30·14	43	40	WSW	5	b	5
Mullaghmore ...	30·25	45	41	W	5	bcm	5
Holyhead... ...	30·32	45	43	W	2	b	2
Valentia ...	30·40	48	45	WNW	2	bm	3
Scilly	30·45	52	49	WSW	6	c	7
Dover	30·42	40	39	SW	3	bm	2
London ..	30·43	40	38	WSW	2	bm	*
Yarmouth ...	30·35	32	31	WSW	3	f	2
Jersey... ...	30·54	41	39	W	2	cm	2
Rochefort ...	29·52	40	37	ESE	5	o	2

Pressure is increasing except in the Shetlands and SE. of England and the weather is fine in nearly all places, though with some mist or fog at a few stations. A moderate to fresh W. current prevails over the Country.

EXPLANATION OF COLUMNS.

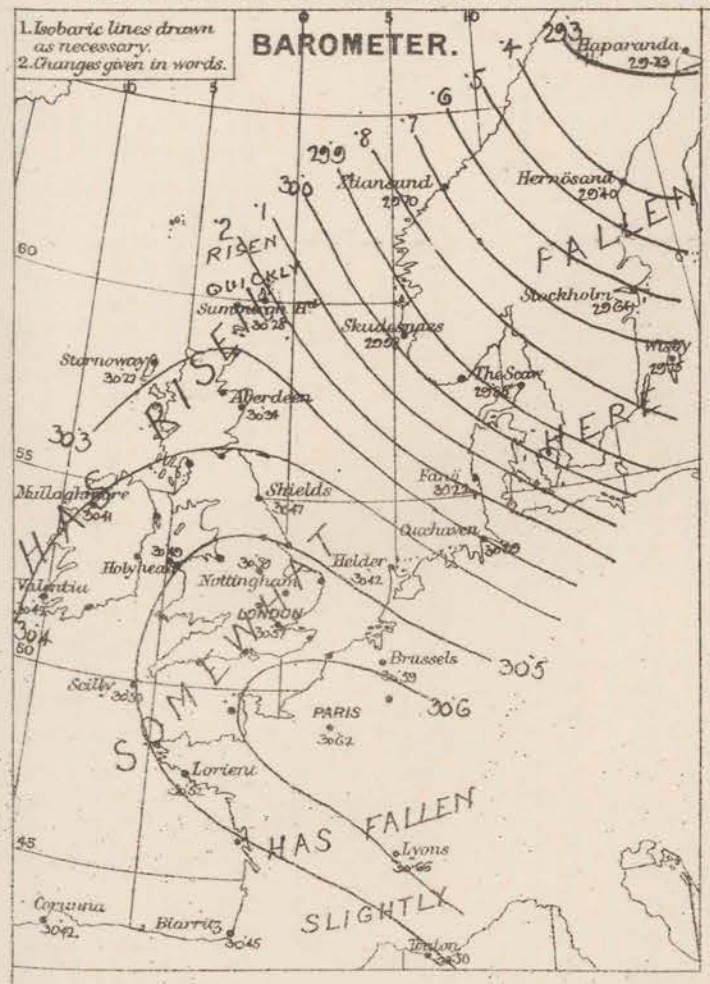
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

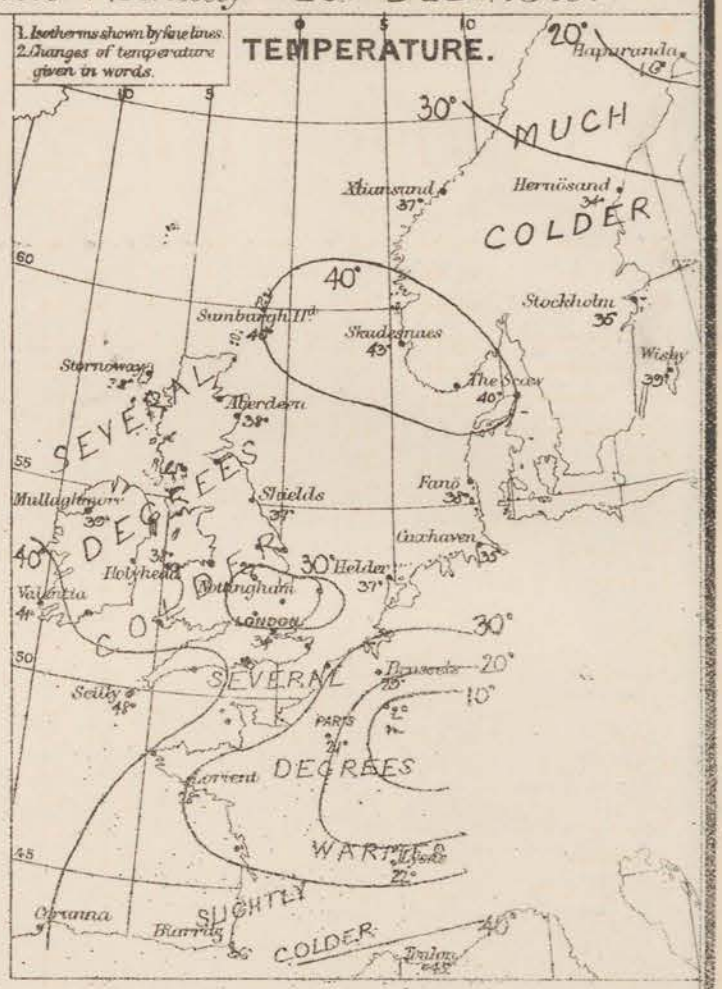
* AN ASTERISK is inserted in all places for which information is not usually received.

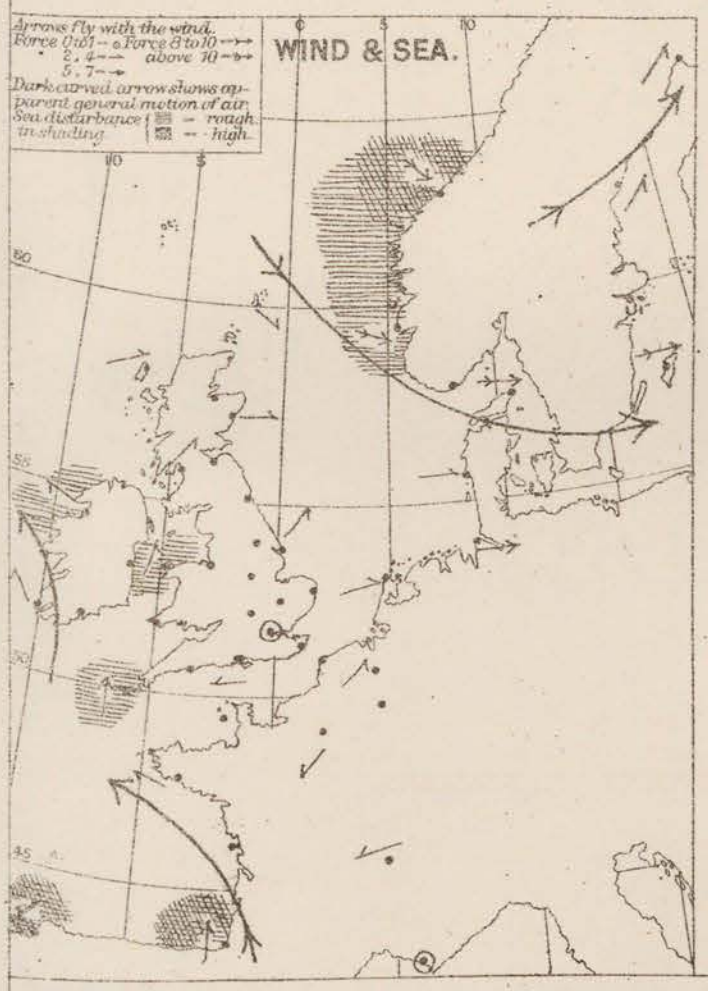
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

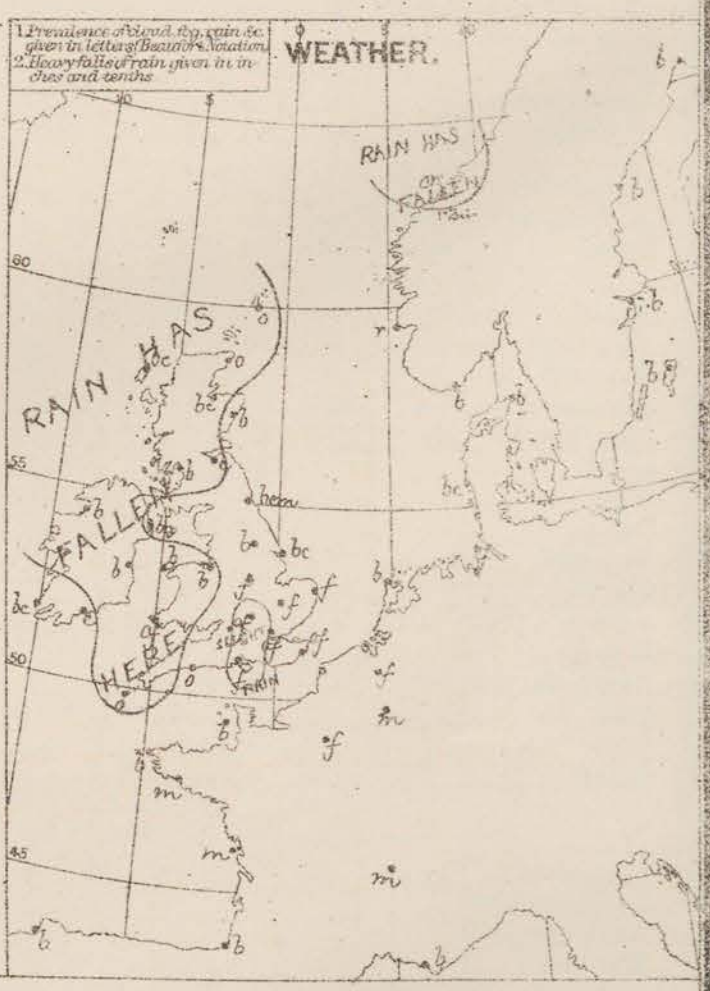
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS *for 8 a.m. on Thursday 25th Decr. 1879.*









REMARKS. Weather is dull and foggy over the southern and central parts of England, and foggy or misty over France and the Netherlands, but in other parts of Western Europe the sky is clear or nearly so. A little rain fell yesterday at many of the western and northern stations, while at Christiansund, in the west of Norway, as much as 1·3 in. was measured. Temperature has risen several degrees in the south east of England and north east of France but fallen in most other districts; readings over the United Kingdom now vary from 26° at Cambridge to 38° in Scotland and 48° at Scilly. No very low minima were recorded during the past night. Wind blows with the force of a peak or strong gale from W or NW over Norway and the south of Sweden, but in our Islands light or moderate breezes only are reported. They are S or SE in the west, and W in the north and east, while at the central stations variable airs or calms are for the most part general. Sea is rough off the west of Norway and on exposed parts of our own west coasts, high in the southern portion of the Bay of Biscay.

Barometrical Indications. The depression which lay to the N. of us yesterday is now passing away over Northern Europe, and the barometer is rising briskly over Scotland. A slight fall has occurred at Valentia since 10 pm, but the anticyclone over our south eastern stations shows no signs of breaking up.

Subscription for these Charts payable in advance to cover delivery. | Delivery by hand 10/- per quarter; book post 5/- " "

Meteorological Office, 116, Victoria Street, Westminster: S.W.

R. H. SCOTT, Secretary.

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DAILY WEATHER REPORT DEC: 26th 1879.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29·69	26	NW	6	b	30·17	+·94	24	23	+ 8	NW	6	b	*	27	16	—
Hernösand ...	30·00	30	NW	8	b	30·39	+·99	26	25	− 8	WNW	4	b	*	36	23	—
Stockholm ...	30·05	30	NW	6	b	30·45	+·81	24	22	− 11	NW	4	b	*	43	?	—
Wisby	29·92	36	N	9	b	30·29	+·54	32	31	− 7	NNE	9	b	*	41	28	—
Christiansund ...	30·36	35	W	2	c	30·38	+·68	34	33	0	S	4	bc	5	37	27	—
Skudesnaes ...	30·43	36	NNW	2	b	30·49	+·61	37	34	− 6	E	4	bc	3	43	36	—
Oxö (Christiansund) ...	30·36	39	W	4	b	30·55	+·67	31	30	− 11	N	2	b	2	45	?	—
Skagen (The Skaw)	30·36	40	NE	9	b	30·58	+·73	34	29	− 6	E	2	b	0	41	28	—
Fanö	30·47	36	WNW	4	b	30·59	+·37	28	27	− 10	SE	2	f	*	?	27	—
Cuxhaven ...	30·50	37	W	8	o	30·63	+·24	30	30	− 5	W	1	f	*	37	28	—
Sumburgh Head	30·35	41	S	1	b	30·23	−·05	43	40	+ 3	S	6	c	4	43	37	—
Stornoway ...	30·29	43	SSW	4	c	30·04	−·23	45	42	+ 7	SW	6	c	6	45	36	0·50
Thurso																	
Wick	30·38	37	NW	1	b	30·21	−·10	42	40	+ 6	SSW	3	c	3	42	34	—
Nairn	30·39	37	N	0	b	30·21	−·18	42	40	+ 4	W	2	bc	1	42	34	—
Aberdeen ...	30·42	35	N	0	b	30·31	−·03	36	34	− 2	S	3	bc	1	40	32	—
Leith	30·48	33	SW	1	b	30·36	−·05	35	34	− 4	SSW	1	bm	*	45	32	—
Shields	30·53	44	W	1	b	30·44	−·03	30	30	− 7	SSW	3	o	2	44	28	—
Spurn Head ...	30·54	30	S	1	b	30·50	+·01	28	27	− 7	SE	5	f	5	39	27	—
York	30·56	34	ESE	1	b	30·49	−·04	28	?	− 4	SE	1	f	*	42	21	—
Nottingham ...	30·58	26	N	0	o	30·51	−·08	29	28	+ 2	S	1	o	*	30	24	—
Ardrossan ...	30·45	37	ENE	2	b	30·32	−·13	43	41	0	SSW	5	c	4	44	36	0·01
Mullaghmore ...	30·31	44	SSE	6	c	30·14	−·27	44	41	+ 5	S	6	b	5	47	31	—
Donaghadee ...	30·46	40	S	1	b	30·32	−·15	43	42	+ 9	S	3	bc	1	45	33	0·03
Kingstown ...	30·46	41	SSE	1	bc	30·33	−·16	43	40	+ 5	SSE	4	[illegible]	4	47	34	0·01
Holyhead ...	30·49	38	SSW	1	b	30·36	−·13	39	37	+ 1	SSE	3	b	2	44	38	0·01
Liverpool (Bidston)	30·51	35	SE	2	b	30·41	−·11	32	32	− 4	SE	3	b	0	37	31	—
Valentia	30·32	47	SSE	4	o	30·12	−·30	48	46	+ 7	SSE	8	omw	7	50	41	0·06
Roche's Point ...	30·38	45	SSE	5	c	30·25	−·20	46	43	+ 10	S	6	b	4	50	36	—
Pembroke ...	30·49	44	SE	2	c	30·33	−·19	41	39	+ 6	SE	6	b	4	44	35	—
Scilly	30·47	46	SE	5	o	30·33	−·17	44	41	− 4	S	6	om	6	48	43	—
Prawle Point ...	30·51	43	ESE	3	c	30·40	−·13	39	38	− 6	ESE	4	bc	4	47	38	—
Hurst Castle ...	30·57	39	E	1	o	30·49	−·07	36	35	− 3	SE	2	bc	2	41	36	—
Dover	30·61	38	N	0	o	30·55	−·03	33	32	− 5	SE	2	of	1	39	31	0·02
London	30·60	33	N	0	f	30·53	−·04	30	30	− 4	SE	1	gf	*	35	29	—
Oxford	30·58	30	N	0	o	30·50	−·06	34	33	+ 4	S	1	of	*	34	29	0·01
Cambridge ...	30·59	31	S	1	f	30·50	−·06	32	31	+ 6	N	0	*	*	40	24	—
Yarmouth ...	30·57	35	W	1	f	30·56	+·02	34	33	+ 6	SSE	2	og	2	35	25	—
The Helder ...	*	*	*	*	*									*	*	*	*
Cape Gris Nez	30·62	34	S	1	f	30·56		27	27		E	1	b	0	41	27	—
Jersey			E	2		30·46	−·14	30	29	− 5	E	3	bm	2	42	30	—
Brest																	
Lorient																	
Rochefort ...	30·47	35	E	4	m	30·41	−·08	22	20	− 6	E	4	m	2	41	?	—
Biarritz	30·39	44	E	3	b	30·36	−·09	41	38	+ 5	S	4	b	6	50	34	—
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	30·59	·00	25	?	− 4	E	1	f	*	33	24	—
Charleville ...	[illegible]	16	SSW	1	m	?	?	25	?	+ 23	SSW	1	m	*	28	− 5	—
Paris	30·60	28	?	1	b	30·52	−·10	31	30	+ 10	NE	1	b	*	*	*	—
Lyons														*			
Toulon																	

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30·36	29	27	NW	6	c	5	Valentia ...							
Sumburgh Head								Scilly							*
Stornoway ...								Dover							
Aberdeen ...								London ...							
Shields								Yarmouth ...							
Ardrossan ...								Jersey							
Mullaghmore ...								Rochefort ...	30·47	41	36	E	3	m	2
Holyhead... ...															

EXPLANATION OF COLUMNS.

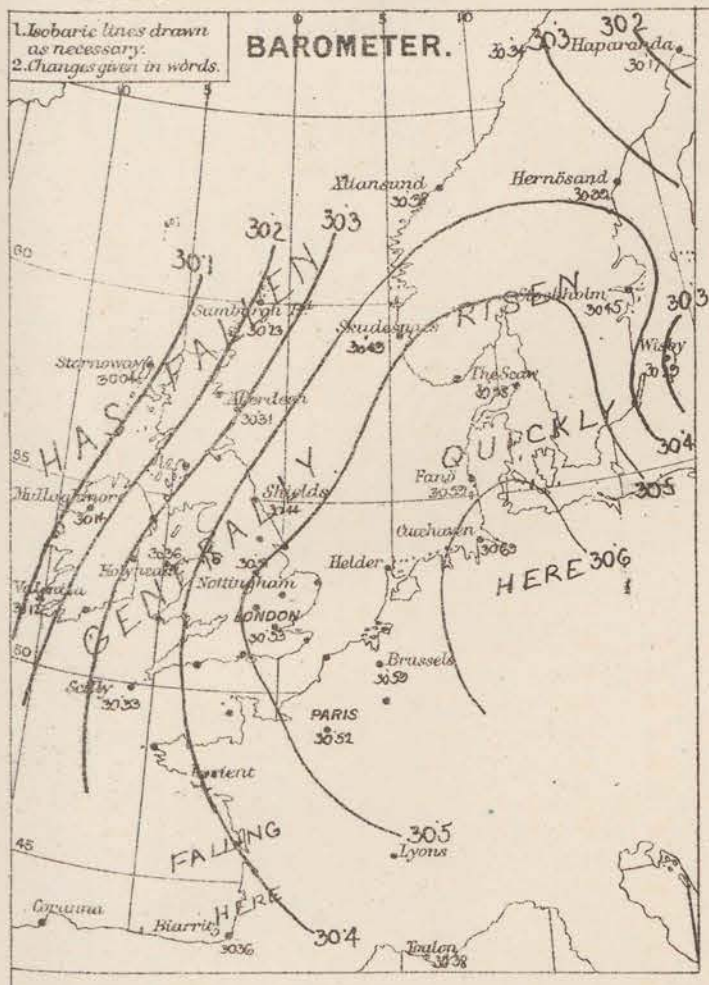
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

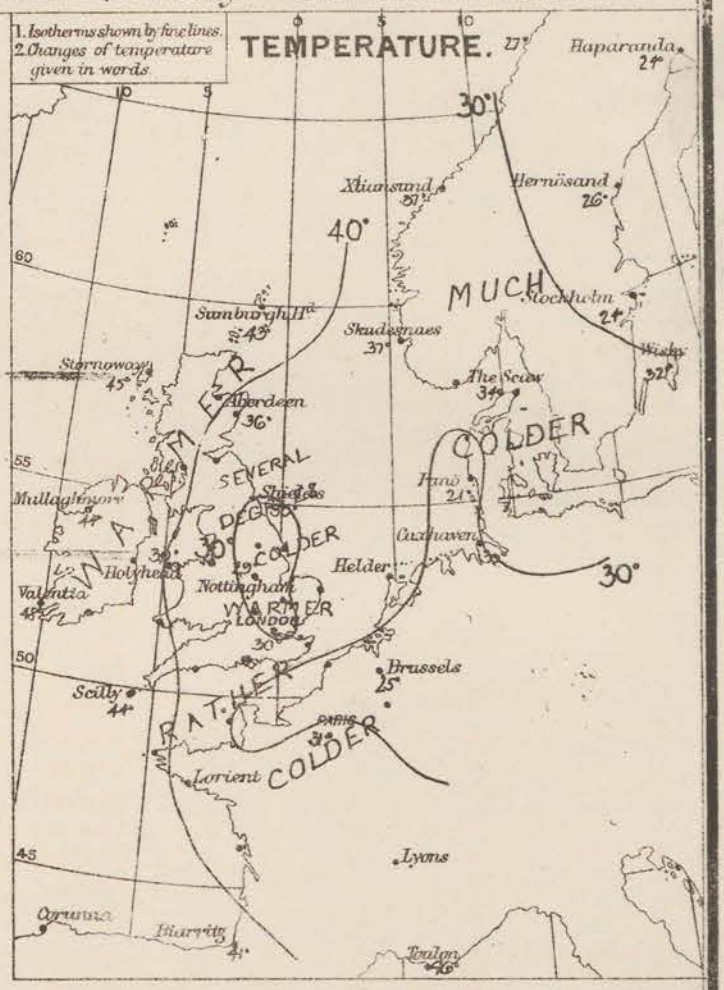
* AN ASTERISK is inserted in all places for which information is not usually received.

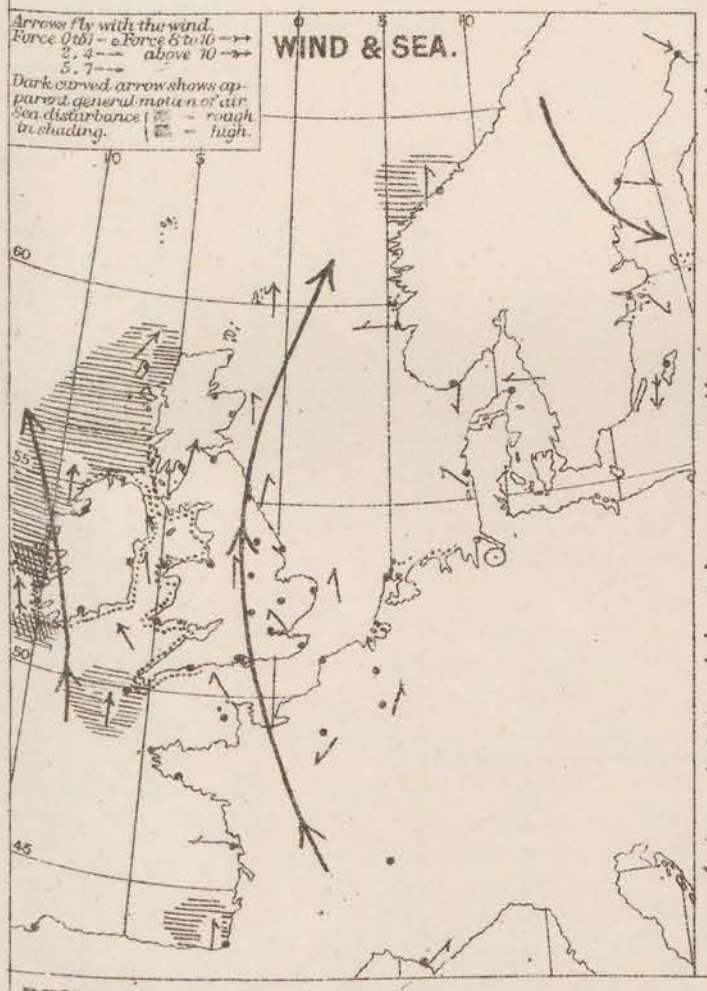
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

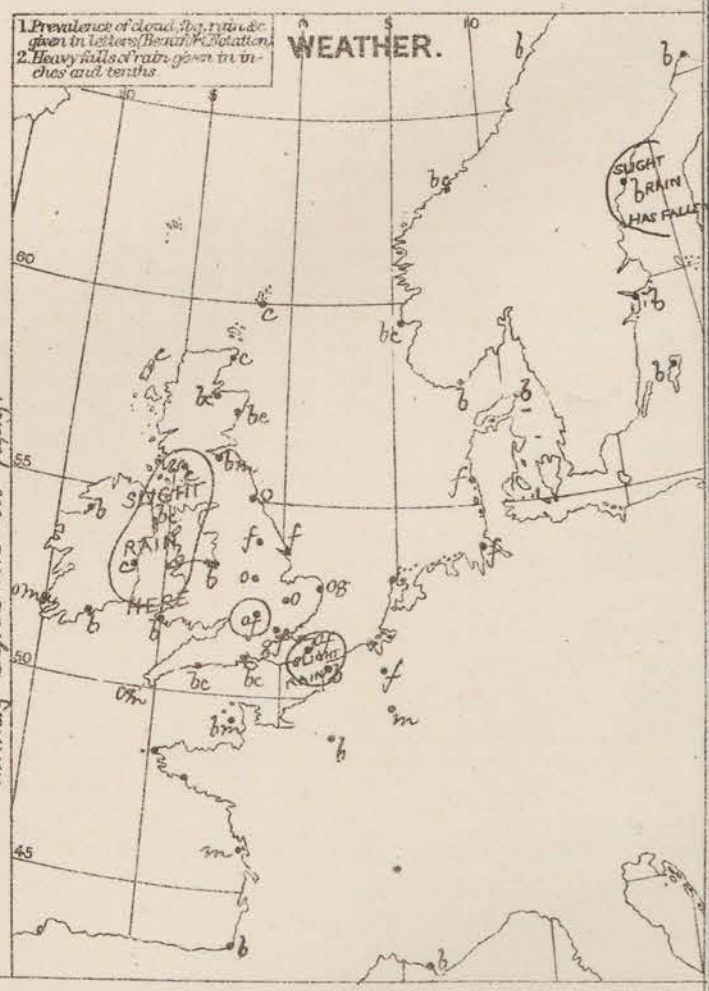
WEATHER CHARTS *for 8 a.m. on Friday 26th Decr 1879.*







Note. A dotted line is drawn round those coasts upon which the warning signals are now flying.



REMARKS. Weather is fine at several western stations as well as in Sweden, Norway and the east of Scotland; but is cloudy or overcast in nearly all other places, with fog over the Central and eastern parts of England and over North Germany. At Valentia the weather is misty and threatening. A few hundredths of an inch of rain have fallen on our western coasts and at Dover and Cambridge. Temperature has fallen at our southern and most of our eastern stations, but has risen briskly in the west and north. Readings range from 48° at Valentia and 45° at Stornoway to 28° at Yorkshire. The maxima yesterday were between 38° and 40° at our central and south eastern stations and between 40° and 50° elsewhere, while the minima last night were not very low except at York, Nottingham, Cambridge and Yarmouth. Wind is E. to SE. over the Channel and south east of England, S. on most other coasts. It is moderate to fresh in force in most places but reaches a fresh gale at Valentia, while in some parts of Central England it is exceedingly light. Sea is high at Valentia, rough in the extreme west and north.

Barometrical Indications. Pressure is increasing briskly on the eastern shores of the North Sea, but is decreasing elsewhere, rather quickly in the west of Ireland and Scotland. Readings are highest over North Germany, low off our western coasts.

Warnings. The South Cone was hoisted on our western coasts last evening, and has been hoisted in the south west this morning.

Subscription for these sheets 22s. payable in advance to cover delivery. { Delivery by hand 10/. per quarter. book post 5/. " "

Meteorological Office. 116. Victoria Street, Westminster: S.W.

R. H. SCOTT. Secretary.

Darlington & Co. Lith. 22 Bedford St. Covent Garden.

DAILY WEATHER REPORT 27th DECr 1879.

STATIONS	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	30·56	6	N	2	b	30·45	+ ·28	23	23	— 1	SW	4	o	*	?	5	—
Hernösand ...	30·62	12	Z	0	b	30·48	+ ·09	29	26	+ 3	SW	6	o	*	34	9	—
Stockholm ...	30·69	21	N	3	b	30·73	+ ·28	16	16	— 8	WSW	2	bc	*	37	?	—
Wisby	30·51	31	N	6	b	30·61	+ ·32	29	29	— 3	E	4	bc	*	36	28	—
Christiansund ...	30·28	34	SE	2	bc	30·15	— ·23	34	30	— 3	E	1	b	5	?	27	—
Skudesnaes ...	30·47	40	SE	8	o	30·35	— ·14	39	38	+ 2	SSE	8	r	6	?	37	—
Oxö (Xtiansund) ...	30·60	32	NNW	2	o	30·54	— ·01	34	34	+ 3	S	4	c	2	?	30	—
Skagen (The Skaw)	30·64	35	SW	4	b	30·61	+ ·03	35	32	+ 1	SSW	5	b	2	36	25	—
‡ Fanö	30·65	27	S	4	f	30·58	— ·01	25	25	— 3	S	5	b	*	32	25	—
Cuxhaven ...	30·69	31	SSE	1	f	30·65	+ ·02	30	30	0	NNW	3	o	*	32	28	—
Sumburgh Head	30·10	42	S	6	bc	29·79	— ·44	42	41	— 1	S	8	o	6	44	38	—
Stornoway ...	29·97	44	SSW	8	r	29·51	— ·53	49	48	+ 4	SSW	9	r	7	49	41	0·03
Thurso																	
Wick	30·14	41	S	5	b	? 29·77	— ·44	41	40	— 1	S	5	o	5	? 44	39	—
Nairn	30·15	40	SW	3	bc	29·80	— ·41	43	40	+ 1	SSW	4	o	2	44	40	—
Aberdeen ...	30·23	37	S	3	b	29·99	— ·32	40	38	+ 4	S	7	og	4	40	34	—
Leith	30·29	33	Z	0	b	30·01	— ·35	42	40	+ 7	SW	6	o	*	43	32	—
Shields	30·39	32	SSW	3	o	30·23	— ·21	29	29	— 1	SW	4	o	2	37	28	—
Spurn Head ...	30·46	28	SSE	5	c	30·38	— ·12	26	25	— 2	SSE	6	om	5	30	25	—
York	30·55	32	SSW	1	o	30·33	— ·16	30	29	+ 2	S	2	o	*	37	27	—
Nottingham ...	30·48	30	SSE	3	o	30·37	— ·04	28	28	— 1	S	2	o	*	31	27	—
Ardrossan ...	30·27	42	SSE	5	o	29·96	— ·36	45	43	+ 2	SSW	8	o	6	45	40	—
Mullaghmore ...	30·04	47	S	8	o	29·78	— ·34	51	48	+ 7	SW	9	ogq	5	52	?	—
Donaghadee ...	30·24	43	SSW	5	o	29·99	— ·33	48	48	+ 5	SSW	7	o	4	48	40	—
Kingstown ...	30·26	44	SSE	4	o	30·05	— ·28	50	48	+ 7	SSE	4	om	4	50	42	0·01
Holyhead ...	30·30	41	SSW	4	b	30·16	— ·20	44	43	+ 5	SSE	6	og	4	45	37	—
Liverpool (Bidston)	30·36	32	SE	3	b	30·26	— ·15	33	32	+ 1	SE	4	o	3	36	29	—
Valentia	30·08	48	SSE	7	r	29·91	— ·21	51	49	+ 8	S	8	rmg	7	52	48	0·18
Roche's Point ...	30·20	47	SSW	6	c	30·02	— ·23	50	49	+ 4	S	7	o	5	50	44	0·06
Pembroke ...	30·32	43	SSE	6	b	30·24	— ·09	47	45	+ 6	S	6	c	5	47	41	—
Scilly	30·32	48	S	7	c	30·28	— ·05	50	50	+ 6	SSW	7	c	6	50	43	—
Prawle Point ...	30·41	40	ESE	3	b	30·37	— ·03	44	43	+ 5	S	3	o	2	45	35	—
Hurst Castle ...	30·46	36	SE	3	o	30·43	— ·06	35	34	— 1	SE	3	m	3	39	35	—
Dover	30·51	31	E	3	b	30·48	— ·07	32	29	— 1	SW	3	of	2	33	26	—
London	30·49	30	S	1	o	30·45	— ·08	28	27	— 2	SW	1	o	*	35	25	—
Oxford	30·46	31	SE	1	o	30·42	— ·08	30	30	— 4	S	2	o	*	34	28	—
Cambridge ...	30·50	31	SSE	1	o	30·43	— ·07	25	25	— 7	S	1	c	*	35	24	—
Yarmouth ...	30·51	33	SSE	3	c	30·47	— ·09	31	30	— 3	S	4	og	3	34	29	—
The Helder ...	*	*	*	*	*	30·54	?	27	26	— 5	S	1	f	*	*	*	*
Cape Gris Nez	30·52	34	E	1	m	30·49	— ·07	18	18	— 9	ESE	1	b	o	36	18	—
Jersey	30·46	35	SE	2	b	30·48	+ ·02	30	29	0	SE	2	bm	2	37	30	—
Brest	30·42	38	SE	3	m	30·43	00	37	36	+ 4	SE	4	m	5	42	32	—
Lorient	30·42	31	SSE	1	m	30·44	+ ·06	27	24	+ 4	ESE	4	m	4	34	21	—
Rochefort ...	30·42	37	ENE	1	m	30·50	+ ·09	24	22	+ 2	E	4	m	2	43	?	—
Biarritz	30·38	46	SSE	1	b	30·47	+ ·11	42	37	+ 1	S	3	b	3	30	36	—
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	30·52	— ·07	14	1	— 11	E	1	f	*	28	14	—
Charleville ...	?	c	SSW	1	b	?	?	1	?	— ·24	SSW	1	m	*	25	1	—
Paris	30·50	26	?	3	o	30·54	+ ·02	14	14	— 17	E	3	b	*	*	*	—
Lyons	30·52	19	E	1	b	30·62	+ ·05	3	3	— 3	ESE	1	m	*	22	3	—
Toulon	30·36	47	Z	0	b	30·42	+ ·04	43	37	— 3	Z	0	b	1	52	43	—

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30·48	40	37	SE	6	o	3	Valentia ...	30·08	50	48	SSE	7	rmg	6
Sumburgh Head	30·15	43	41	S	6	bc	6	Scilly	30·32	48	47	S	6	o	5
Stornoway ...	29·97	45	43	SSW	8	cq	7	Dover	30·49	31	30	E	2	bm	1
Aberdeen ...	30·29	38	36	SSW	1	c	1	London ...	30·49	33	32	SE	2	om	*
Shields	30·41	35	34	SSW	4	c	2	Yarmouth ...	30·54	33	33	SSE	3	om	2
Ardrossan ...	30·27	43	40	SSW	5	c	4	Jersey	30·45	36	33	SE	2	bm	2
Mullaghmore ...	30·04	46	43	S	9	ou	6	Rochefort ...	30·41	39	36	ENE	4	m	2
Holyhead	30·43	42	39	SSW	4	b	3								

Pressure is decreasing slowly everywhere, but the general distribution is unchanged, and S^h winds, moderate over England, but strong to a gale on the W., prevail generally. Temperature is inclined to fall in the SE.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

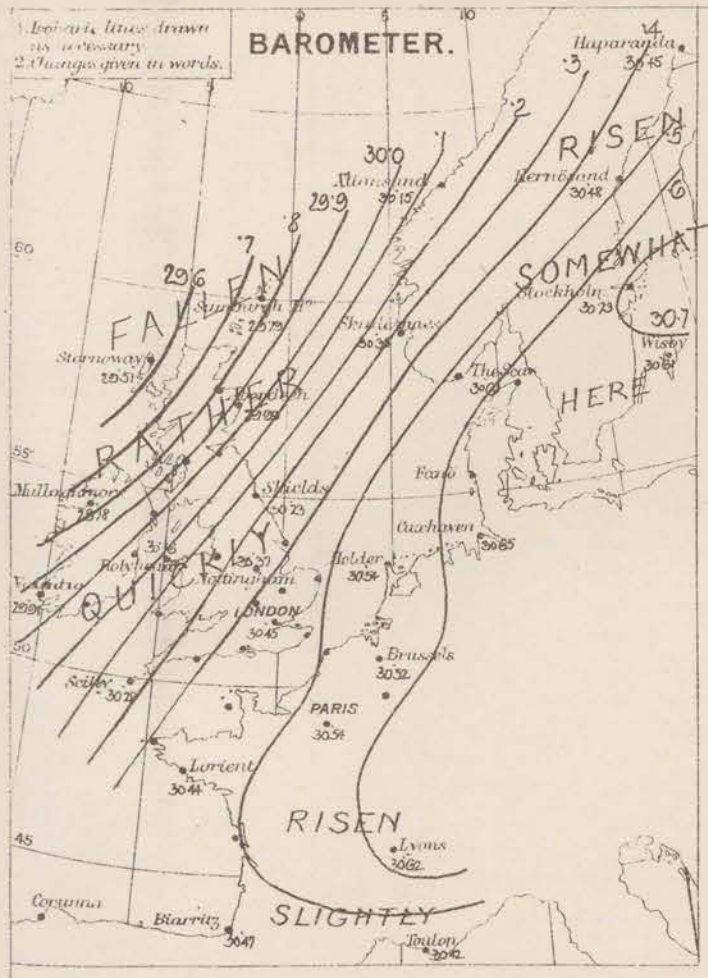
* AN ASTERISK is inserted in all places for which information is not usually received.

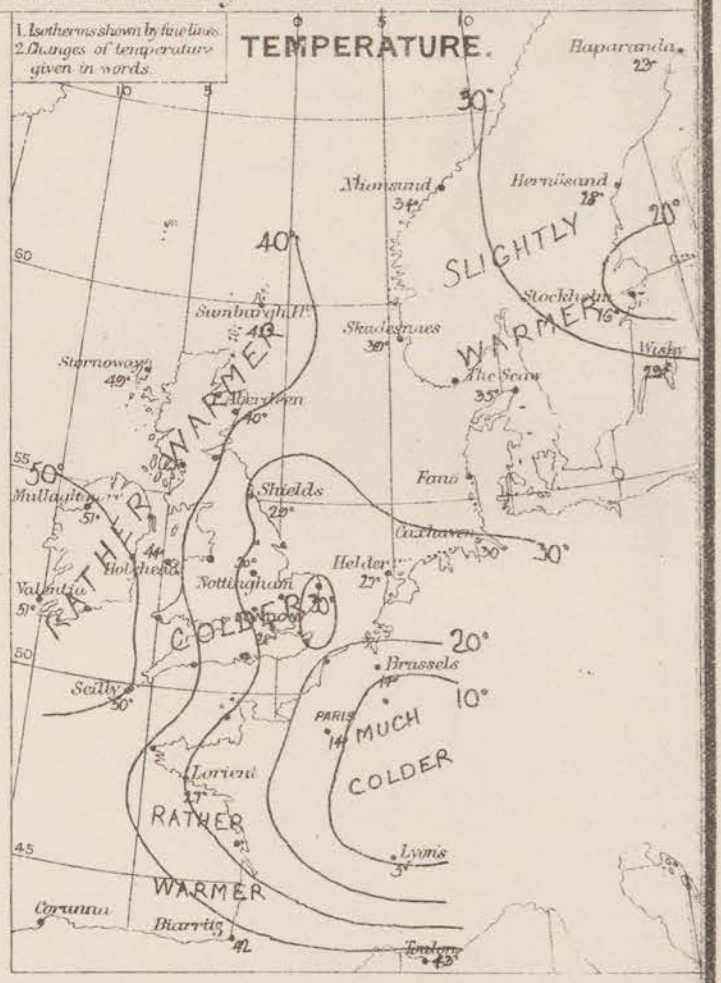
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

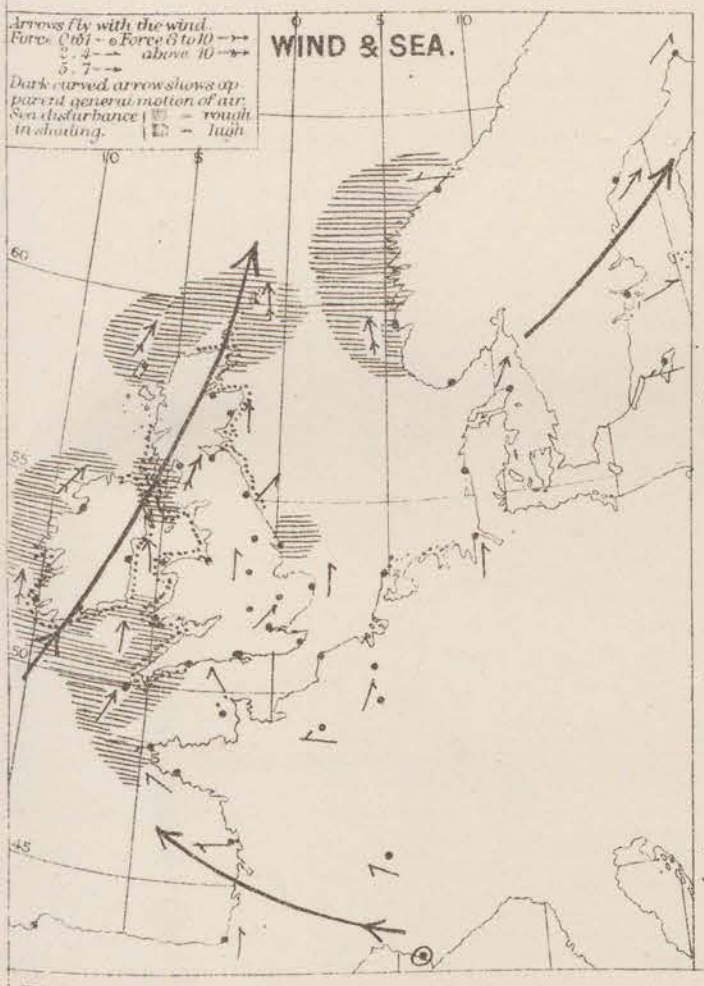
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

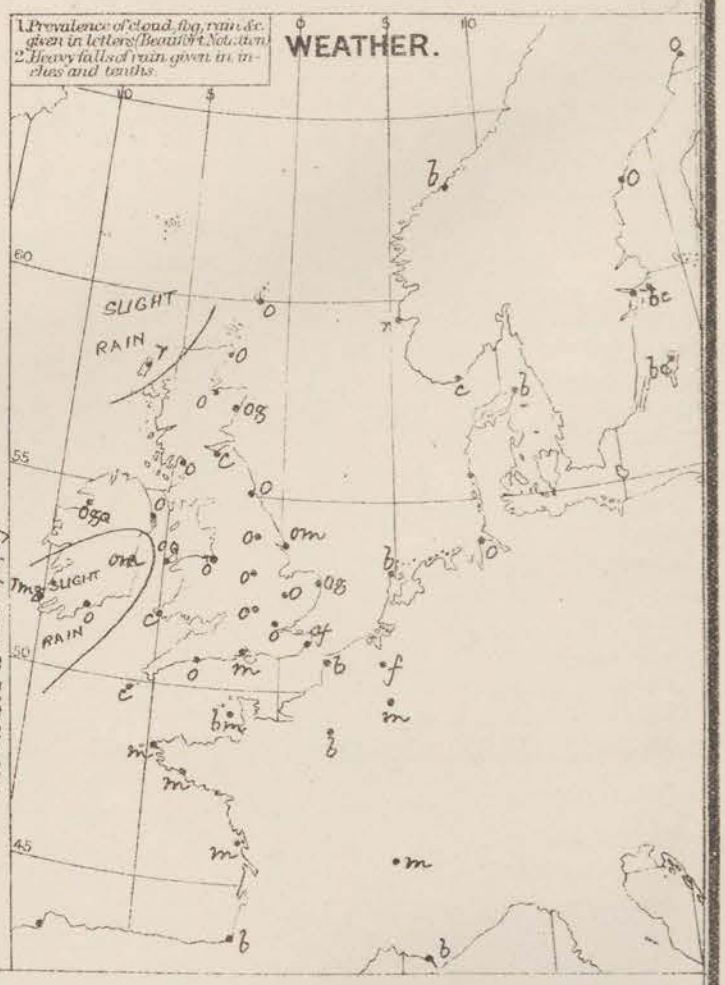
‡ Received too late for insertion in Chart.

WEATHER CHARTS *for 8 a.m. on Saturday 27th Decr 1879.*









Note. A dotted line is drawn round those coasts upon which the South Cone is now flying.

REMARKS. Weather is fine over the Baltic as well as at Christiansund, the Skaw, Groningen and in the north of France, but is cloudy or dull in all other places, with fog over Holland and the Straits of Dover, rain at Valentia, Stornoway and Shields. Much mist prevails in France. Slight rain has fallen in Ireland and the Hebrides. Temperature has fallen over the east of France, the Netherlands and the eastern and central districts of England, but has risen elsewhere. Readings range from 51° in west Ireland to 25° at Cambridge, to 11° at Paris, and to 3° at Lyons. Last night the thermometer fell to 24° at Cambridge, and to 25° in London and at Spurn Head. Wind is E. over France, but S. on our own and the Scandinavian coasts. It is light or moderate at the French and at our south eastern stations, but reaches a moderate to strong gale on our western and northern coasts and at Shields. Sea is high at Stornoway and Valentia, rough in the west and north generally.

Barometrical Indications. Pressure is increasing over the Baltic and France, decreasing elsewhere, rapidly in the west of Scotland. A large area of high readings lies over the south of Scandinavia, Central Europe and the east of France, while a deep depression is down off our north west coasts. Warnings. The South Cone has been hoisted this morning in the east of Scotland and north east of England.

Subscription for these Charts payable in advance. Delivery by hand 10/ per quarter; " by post 5/ " "

Meteorological Office, 116 Victoria Street, Westminster: S.W.

R. H. SCOTT. Secretary

Dangerfield Lith 22 Bedford Street Covent Garden

DAILY WEATHER REPORT 28th DECr 1879.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	30·17	18	SE	4	o	29·73	− ·72	30	30	+ 7	S	4	o	*	30	18	—
Hernösand ...	30·18	29	SSE	6	b	29·82	− ·66	27	26	− 2	S	9	bc	*	?	3	—
Stockholm ...	30·68	22	SSW	2	b	30·19	− ·54	29	28	+ 13	SSW	6	bc	*	30	12	—
Wisby	30·54	30	SW	4	bc	30·23	− ·38	32	31	+ 3	WSW	8	bc	*	34	27	—
Christiansund ...	29·65	46	SE	6	bc	29·04	− ·41	45	41	+ 11	SW	6	r	5	46	34	—
Skudesnaes ...	29·97	39	SSE	9	o	29·39	+ ·96	46	43	+ 7	SW	8	r	8	?	39	0·91
Oxö (Xtiansund) ...	30·30	33	S	6	o	29·60	− ·94	40	39	+ 6	S	9	r	6	?	34	0·28
Skagen (The Skaw)	30·35	33	SW	6	b	29·86	− ·75	34	34	− 1	SSW	8	r	5	36	25	—
Fanö	30·28	27	S	6	b	29·95	− ·63	33	32	+ 8	SW	6	r	*	?	25	—
Cuxhaven ...	30·59	28	S	3	b	30·21	− ·44	29	29	− 1	SSW	3	o	*	?	23	—
Sumburgh Head	29·45	44	S	9	r	29·23	− ·56	43	38	+ 1	W	9	bc	7	45	40	0·60
Stornoway ...	29·22	48	SSW	8	r	29·41	− ·10	39	38	− 10	W	5	b	5	49	37	0·69
Thurso																	
Wick	29·37	46	S	7	o	29·47	− ·30	38	36	− 6	WSW	5	bc	5	49	37	0·10
Nairn	29·30	47	SSW	4	c	29·51	− ·29	40	37	− 3	WSW	5	b	2	52	40	0·09
Aberdeen ...	29·59	43	S	8	r	29·58	− ·41	41	37	+ 1	SW	3	bc	4	53	39	0·26
Leith	29·64	47	SW	8	r	29·70	− ·31	43	41	+ 1	WSW	5	bc	*	54	42	0·21
Shields	29·93	37	SSW	5	o	29·79	− ·44	47	45	+ 18	WSW	2	o	1	52	29	0·01
Spurn Head ...	30·14	28	SSE	6	o	29·89	− ·49	43	41	+ 17	SSW	5	o	5	46	26	0·06
York	30·07	36	S	4	o	29·86	− ·47	49	47	+ 19	SW	2	o	*	52	28	0·11
Nottingham ...	30·18	34	SSW	3	o	29·96	− ·41	51	50	+ 23	SSW	3	o	*	51	28	0·08
Ardrossan ...	29·69	48	SSW	8	r	29·73	− ·29	46	42	+ 1	WSW	5	c	4	49	44	0·55
Mullaghmore ...	29·42	52	SW	9	r	29·74	− ·04	45	42	− 6	SW	5	og	5	54	44	0·31
Donaghadee ...	29·61	48	SSW	7	r	29·82	− ·17	44	42	− 4	W	2	o	2	50	43	0·35
Kingstown ...	29·72	52	S	7	r	29·87	− ·18	49	45	− 1	S	1	c	3	56	48	0·13
Holyhead ...	29·85	49	S	8	r	29·90	− ·26	49	48	+ 5	SW	2	o	2	52	?	0·43
Liverpool (Bidston)	29·95	45	SE	5	o	29·89	− ·37	48	47	+ 15	WSW	2	o	3	54	29	0·06
Valentia	29·69	53	SSW	9	o	29·86	− ·05	51	49	0	S	5	o	5	56	47	0·85
Roche's Point ...	29·83	49	SSW	5	r	29·92	− ·10	49	48	− 1	WSW	3	c	4	51	47	1·08
Pembroke ...	30·03	48	SSW	7	r	29·99	− ·25	49	49	+ 2	SW	6	of	5	50	44	0·99
Scilly	30·16	52	SSW	9	o	30·12	− ·16	53	53	+ 3	SW	8	oc	7	53	50	0·11
Prawle Point ...	30·28	46	S	5	m	30·14	− ·23	50	50	+ 6	SSW	5	r	5	50	42	0·03
Hurst Castle ...	30·33	43	S	5	b	30·17	− ·26	46	46	+ 11	SW	7	ow	5	47	? 35	0·01
Dover	30·40	33	SW	3	bc	30·19	− ·29	40	40	+ 8	WSW	6	owc	5	41	26	0·01
London	30·32	30	SW	1	bc	30·13	− ·32	47	46	+ 19	SW	5	o	*	47	28	0·09
Oxford	30·29	31	S	1	o	30·07	− ·35	50	49	+ 20	W	4	of	*	50	30	0·10
Cambridge ...	30·29	29	S	1	c	30·02	− ·41	47	46	+ 22	S	2	o	*	47	24	0·03
Yarmouth ...	30·36	29	SSW	3	b	30·06	− ·41	42	41	+ 11	SW	4	og	3	42	27	0·03
The Helder ...	*	*	*	*	*									*	*	*	*
Cape Gris Nez	30·38	23	SSW	4	b	30·23	− ·26	38	37	+ 20	SSW	5	o	4	?	? 19	—
Jersey	30·43	37	S	3	b	30·33	− ·15	46	45	+ 16	SSW	5	owc	4	46	30	0·53
Brest	30·37	46	S	5	o	30·34	− ·09	50	50	+ 13	SW	5	f	5	?	?	—
Lorient	30·43	35	SE	5	f	30·39	− ·05	45	46	+ 21	SW	5	w	4	?	? 27	—
Rochefort ...	30·50	32	E	3	m	30·54	+ ·04	31	30	+ 7	S	5	m	2	43	?	—
Biarritz	30·50	46	Z	0	b	30·59	+ ·12	41	35	− 1	SE	3	o	3	55	32	—
Corunna	*	*	*	*	*	30·51	+ ·09	48	*	+ 6	SW	2	c	7	*	*	*
Brussels	*	*	*	*	*	30·35	− ·17	31	28	+ 17	SSW	5	o	*	?	?	—
Charleville ...	?	20	S	1	b	?	?	14	?	+ 13	SSE	1	o	*	27	1	—
Paris	30·53	15	?	1	b	30·52	− ·02	15	15	+ 1	NE	4	b	*	*	*	—
Lyons	30·63	13	ENE	1	b	30·74	+ ·12	9	9	+ 6	NE	1	f	*	24	?	—
Toulon	30·52	44	E	4	b	30·68	+ ·26	42	39	− 1	Z	0	b	2	46	41	—

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30·15	39	38	SSE	9	o	7
Sumburgh Head	29·60	44	43	S	9	r	7
Stornoway ...	29·39	49	47	SSW	9	r	7
Aberdeen ...	29·81	42	40	S	8	o	6
Shields	30·07	30	30	SSW	6	o	2
Ardrossan ...	29·78	48	47	SSW	8	pq	6
Mullaghmore ...	29·57	50	48	SW	10	rw	6
Holyhead	29·98	46	45	S	7	dq	5
Valentia ...	29·73	52	51	S	9	tg m	8
Scilly	30·21	52	51	S	9	o	7
Dover	30·40	33	32	SW	3	bcw	2
London ...	30·29	33	31	SSW	1	ow	*
Yarmouth ...	30·37	29	29	SSW	3	ogw	3
Jersey	30·45	36	34	SSE	2	ow	2
Rochefort ...	30·50	41	37	E	3	m	2

The barometer is falling quickly in the north and north-west, and to a slighter extent in all other parts of the Kingdom. The wind has increased to a fresh or strong gale from the S.W. at nearly all our western and northern stations, and is rising in the NE.

EXPLANATION OF COLUMNS.

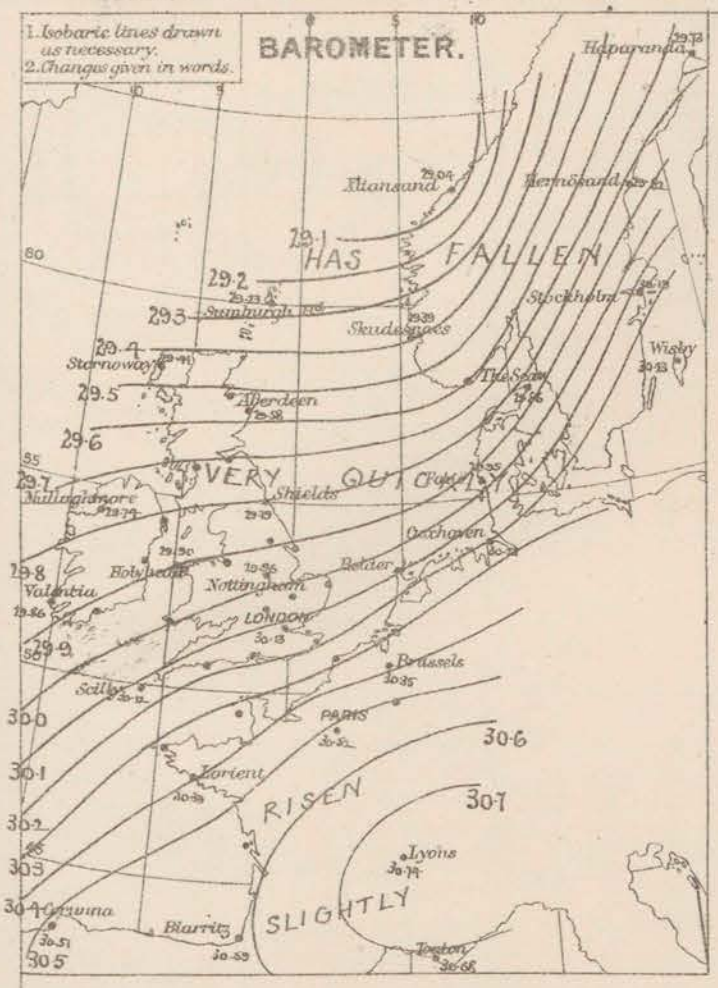
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

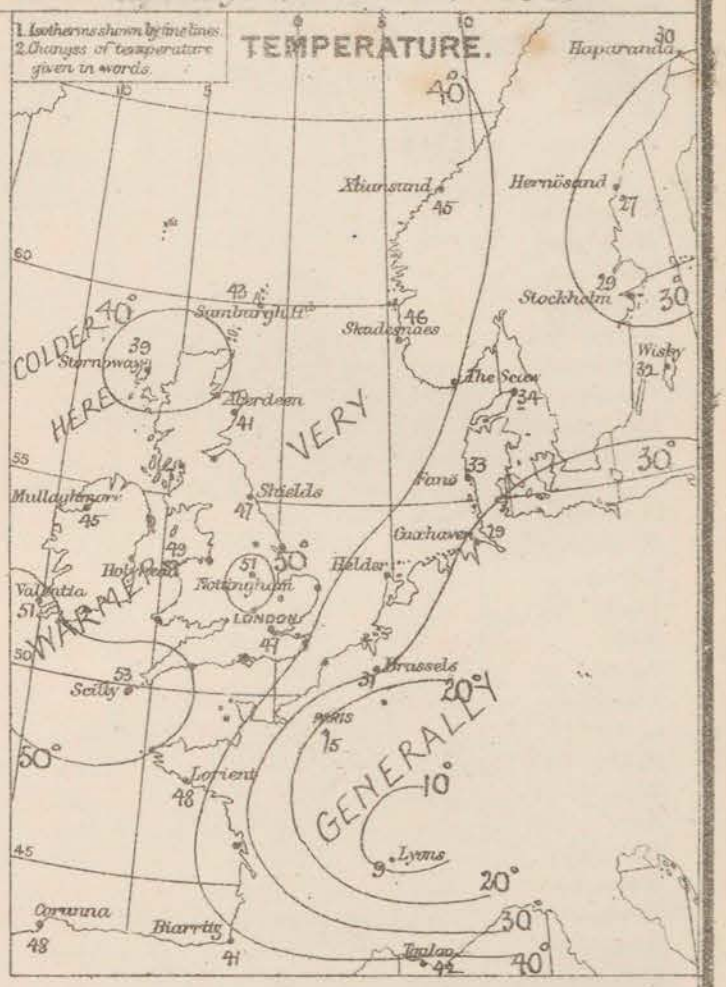
* AN ASTERISK is inserted in all places for which information is not usually received.

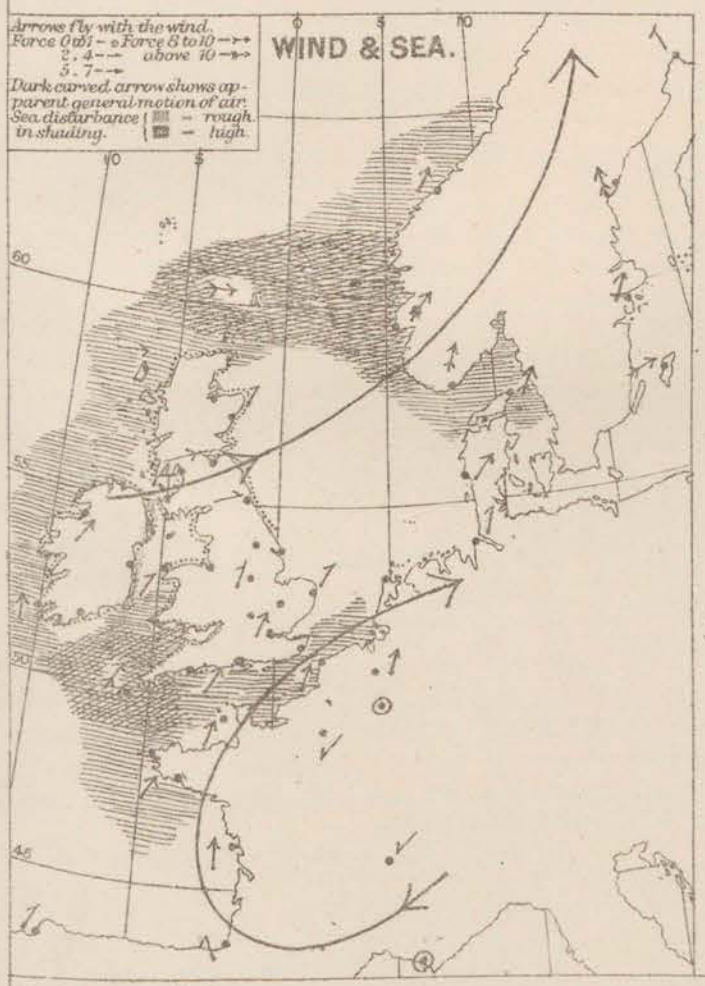
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

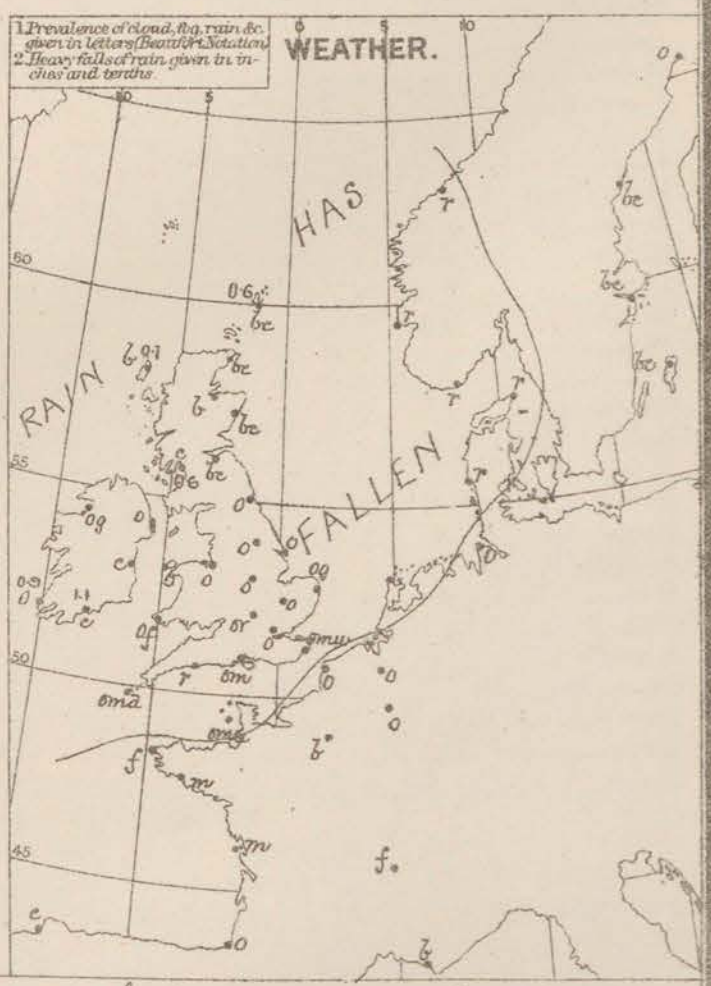
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m. on Sunday 28th Decr 1879.









A double line is drawn when the signals were hoisted yesterday

REMARKS. Weather this morning is in a most unsettled condition; the sky is overcast all over England and Ireland, but is less cloudy in the N. districts. During the past 24 hours rain has fallen very generally, heavily at the W. and N. stations, and still continues in several places. Temperature has fallen slightly in the W. and NW., but elsewhere it has risen quickly, the change over SE. and Central England amounting to about 20°. Readings now range from 53° at Scilly and 51° at Valentia and Nottingham to 38° at Wick. Wind has veered to W. in the N. of Scotland, but continues SW. elsewhere. It is moderate to fresh in most places, but blows a gale at Scilly, in the Shetlands and on the E. shores of the North Sea. During yesterday or last night fresh to strong gales were experienced on most of our W. and N. coasts. Sea is high in the far N. and at Scilly, rough except along our E. coasts.

Barometrical Indications. Pressure has decreased very quickly over these Islands and Scandinavia, but the increase still continues over France, the reading at Lyons being as high as 30·74 ins. A very deep depression is passing away over Norway and Sweden, and another disturbance is apparently approaching our W. coasts from the Atlantic.

Warnings. Signals are up on all exept our SE. and S. coasts.

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Meteorological Office.
116, Victoria Street, Westminster: S.W.

R. H. SCOTT.
Secretary.

Dangerfield Lith. 22 Bedford St. Covent Garden

DAILY WEATHER REPORT Decr 29th 1879.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 9 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...														*			
Hernösand ...														*			
Stockholm ...														*			
Wisby														*			
Christiansund ...														*			
Skudesnaes ...																	
Oxö (Xtiansund) ...																	
Skagen (The Skaw)	29.66	37	SW	6	o	29.21	− .65	41	39	+ 7	WSW	9	o	7	41	32	0.20
Fanö	29.64	38	SW	6	f	29.63	− .32	39	38	+ 6	W	6	b	*	41	32	0.20
Cuxhaven ...	30.04	36	SW	7	r	29.81	− .40	44	41	+ 12	WSW	5	f	*	?	36	0.17
Sumburgh Head																	
Stornoway ...																	
Thurso																	
Wick																	
Nairn																	
Aberdeen ...																	
Leith	29.49	65	SW	9	o	29.55	− .45	44	39	− 2	WSW	5	bc	*	57	39	0.05
Shields	29.45	47	WSW	8	bc	29.67	− .12	43	42	− 4	W	5	bc	2	56	42	0.01
Spurn Head ...	29.65	52	S	7	o	29.82	− .07	41	39	− 2	S	5	b	4	52	39	0.01
York	29.65	53	SW	6	r	29.89	+ .03	42	40	− 7	SW	3	o	*	55	42	0.04
Nottingham ...	29.77	53	SSW	7	r	29.89	− .07	44	42	− 7	SSW	3	b	*	56	40	—
Ardrossan ...																	
Mullaghmore ...	29.46	47	W	10	r	29.63	− .11	43	42	− 2	WSW	5	ap	5	54	41	0.20
Donaghadee ...	29.45	50	W	8	bc	29.68	− .14	40	40	− 4	SW	4	b	2	54	40	0.02
Kingstown ...	29.60	55	W	8	b	29.81	− .06	46	42	− 3	W	4	b	4	59	43	0.05
Holyhead ...	29.64	51	SSW	7	m	29.80	− .10	46	44	− 3	WSW	5	b	4	53	45	0.08
Liverpool (Bidston)	29.59	54	SW	8	o	29.81	− .08	46	41	− 2	WSW	3	b	4	56	44	—
Valentia	29.78	53	WSW	7	bc	29.86	.00	46	44	− 5	W	6	ogh	5	54	44	0.14
Roche's Point ...	29.82	46	W	6	bc	29.87	− .05	46	44	− 3	WSW	5	ohr	4	53	44	0.42
Pembroke ...	29.85	51	SW	8	o	29.92	− .07	49	47	0	WSW	6	cg	6	51	47	0.08
Scilly	30.09	53	SW	9	r	30.05	− .04	51	51	− 2	SW	6	cp	7	53	49	0.03
Prawle Point ...	30.07	51	SSW	8	f	30.07	− .10	48	48	− 2	SW	5	p	5	52	46	0.15
Hurst Castle ...	30.10	48	S	7	o	30.08	− .05	48	43	− 3	W	4	om	3	48	42	0.21
Dover	30.11	44	SW	5	o	30.07	− .12	43	42	+ 3	WSW	5	om	4	46	? 40	0.28
London	30.00	51	WSW	5	o	30.01	− .12	43	42	− 4	SW	3	b	*	52	43	0.02
Oxford	29.95	53	SW	9	o	29.99	− .08	43	42	− 7	WSW	2	o	*	53	43	0.01
Cambridge ...	29.90	51	S	3	o	29.95	− .07	41	40	− 6	SSW	2	b	*	54	40	0.03
Yarmouth ...	29.92	47	SW	5	o	29.92	− .14	42	41	0	WSW	3	b	3	51	41	—
The Helder ...	*	*	*	*	*									*	*	*	*
Cape Gris Nez	30.13	43	SW	8	r	30.10	− .13	42	42	+ 4	SW	4	f	3	45	37	0.08
Jersey	30.27	48	SW	6	o	30.20	− .13	47	47	+ 1	WSW	2	f	2	49	45	0.16
Brest	30.28	50	WSW	5	f	30.21	− .13	49	46	− 1	WNW	4	f	6	52	36	0.16
Lorient	30.37	50	SW	7	m	30.23	− .16	49	49	+ 1	SW	7	m	5	50	46	0.04
Rochefort ...	30.57	37	S	5	m	30.43	− .11	41	39	+ 10	S	5	o	2	46	?	—
Biarritz	30.56	46	SSE	1	b	30.52	− .07	43	37	+ 2	SSW	3	m	6	57	37	—
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	30.12	− .23	40	40	+ 9	SW	5	r	*	44	?	0.08
Charleville ...	?	33	SSE	1	o	?	?	37	36	+ 23	SW	1	f	*	37	? 14	0.08
Paris	30.42	36	SSW	4	r	30.28	− .24	38	?	+ 23	S	3	o	*	*	*	?
‡ Lyons	30.68	17	ENE	1	b	30.60	− .14	15	15	+ 6	NE	1	f	*	27	9	—
Toulon	30.62	46	SW	1	b	30.69	− .09	41	39	− 1	SW	5	bc	2	48	39	—

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29.56	44	42	SSW	6	of	7	Valentia ...							
Sumburgh Head								Scilly							*
Stornoway ...								Dover							
Aberdeen ...								London ...							
Shields								Yarmouth ...							
Ardrossan ...								Jersey							
Mullaghmore ...								Rochefort ...	30.54	40	37	S	4	m	2
Holyhead															

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

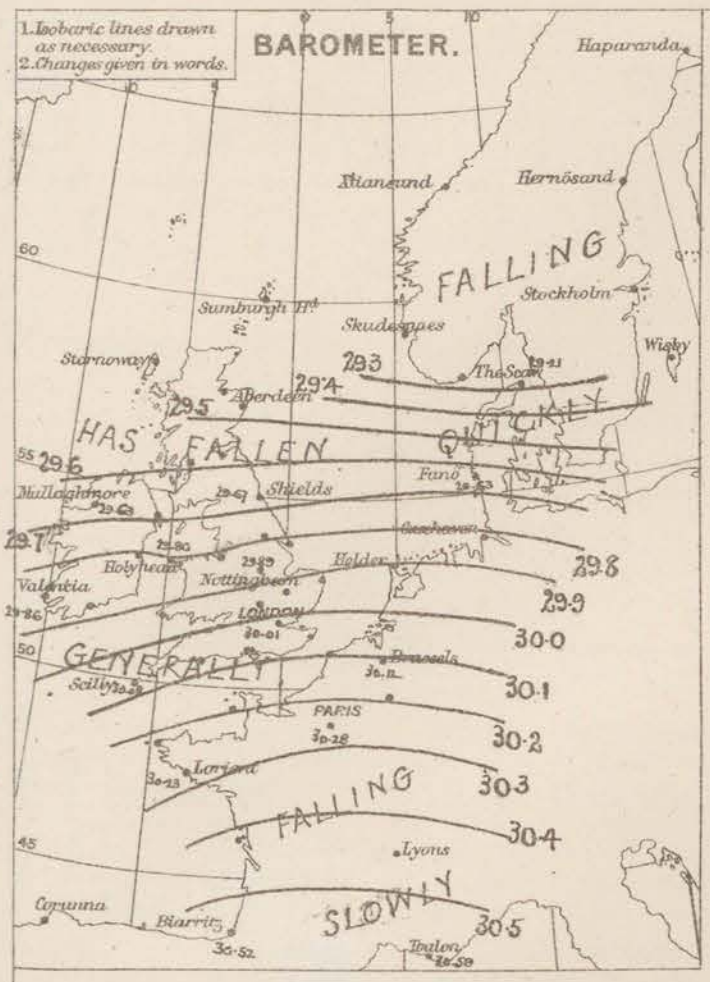
* AN ASTERISK is inserted in all places for which information is not usually received.

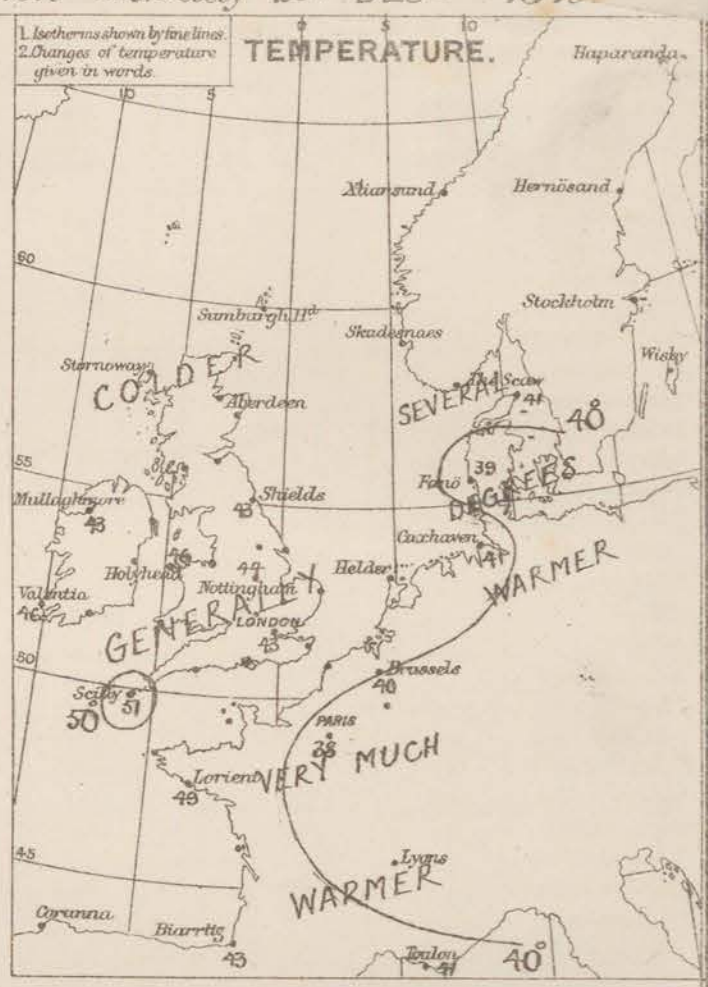
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

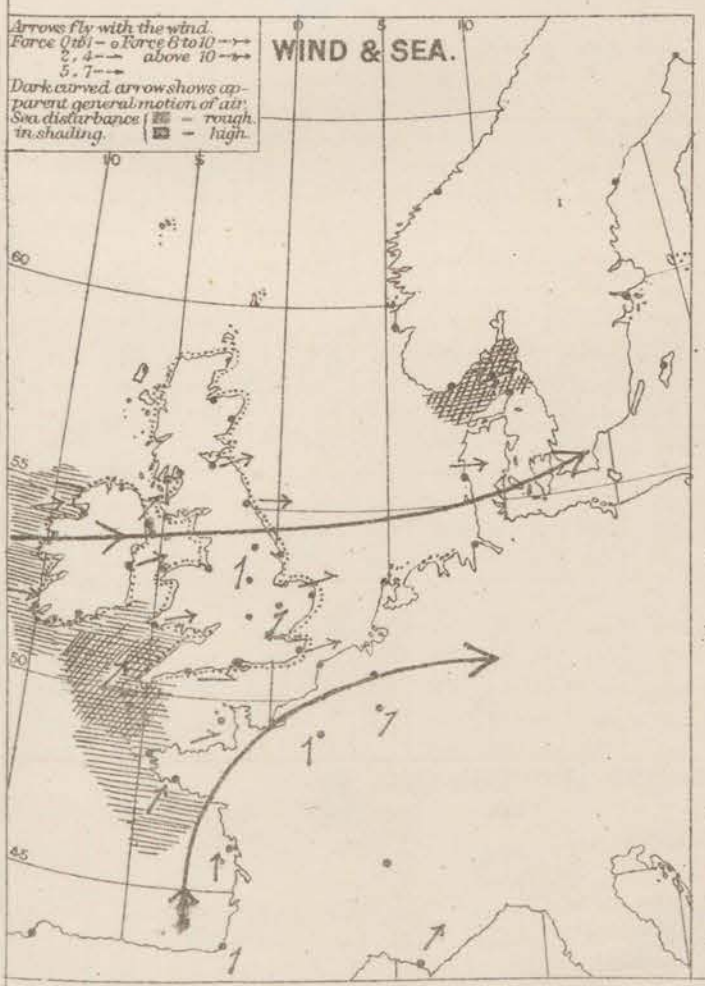
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

‡ Received too late for insertion in Chart.

WEATHER CHARTS *for 8 a.m. on Monday 29th Dec. 1913*







Isobar line is drawn when the signals are displayed.

REMARKS. Weather shows a temporary improvement over a large part of our Islands, and the sky is at present clear or nearly so over the E. of Ireland and the N. and E. of England. In the SW. however, we meet skies with showers of rain and heavy squalls are repeated. Slight rain has fallen at all stations, and hail is falling at present at Valentia. Temperature has decreased everywhere, and at present ranges from 40° at Donaghadee to 50° at Scilly. The maximum yesterday exceeded 50° at all stations except Hurst Castle and at Bournemouth where the thermometer rose as high as 59°. The rapid rise of the thermometer noticed over these Islands yesterday has now extended to the N. of France and at Paris the change is as much as 23°. Wind is SW. to W. over these Islands, and the neighbouring countries. It is fresh or strong except on our SE. coasts, and reaches a strong gale in the Skagerrak. During yesterday or last night a fresh to strong gale prevailed on our coasts, which was particularly severe in the NE. N. and NW. Sea is high in the SW, moderate to rough generally.

Barometrical Indications. Pressure is increasing over the greater part of these Islands, but has decreased again at Valentia since midnight. Readings exceed 30·5 ins. over S. France, while a deep depression lies apparently over Scotland but owing to telegraphic communication having been interrupted, we have no observations from that country.

Warnings. The Gale Cone is flying on all coasts.

Subscription for these Charts payable in advance to cover delivery.	Delivery by hand 10/ per quarter. book post 5/- " "	Meteorological Office. 116, Victoria Street, Westminster. S.W.	R. H. SCOTT. Secretary.

DAILY WEATHER REPORT 30TH DECR 1879.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...														*			
Hernösand ...														*			
Stockholm ...														*			
Wisby														*			
Christiansund...																	
Skudesnaes ...																	
Oxö (Xtiansund) ...																	
Skagen (The Skaw)	29.43	38	SW	6	bc	29.27	+ .06	37	36	− 4	SW	4	o	2	43	36	—
‡ Fanö	29.54	38	SW	5	r	29.52	− .11	39	37	o	W	5	c	*	41	36	0.16
Cuxhaven ...	29.55	39	SW	4	o	29.73	− .08	38	38	− 3	W	6	f	*	41	36	0.03
Sumburgh Head	29.23	39	WNW	3	o	29.18	+ .04	36	34	− 5	SE	2	c	3	42	32	—
Stornoway ...	29.19	36	?	o	c	29.02	− .30	42	40	− 1	SSE	6	o	5	43	33	0.36
Thurso																	
Wick	29.24	36	S	3	r	29.18	− .16	? 46	? 45	− 1	WSW	3	o	8	? 50	33	0.16
Nairn	29.28	36	SW	2	b	29.29	− .12	36	34	+ 1	?	o	bp	1	39	34	0.26
Aberdeen ...	29.32	38	SW	2	bc	29.33	− .10	36	34	− 2	S	4	c	2	44	34	—
Leith	29.42	41	SW	6	c	29.32	− .23	40	37	− 1	S	4	c	*	45	34	0.38
Shields	29.55	44	WSW	4	b	29.42	− .24	40	39	− 3	WSW	4	c	2	48	38	0.02
Spurn Head ...	29.68	41	SW	5	b	29.62	− .20	38	36	− 3	SSW	7	bc	6	45	36	0.01
York	29.66	42	W	4	b	29.56	− .33	37	36	− 5	S	3	b	*	47	37	0.04
Nottingham ...	29.77	40	SW	3	b	29.70	− .19	37	37	− 7	SSW	6	c	*	48	34	0.07
Ardrossan ...	29.48	43	W	6	c	29.21	− .39	43	41	− 1	WSW	7	pq	6	45	38	0.19
Mullaghmore ...	29.64	43	W	10	c	29.21	− .42	39	39	− 4	WSW	8	rug	6	45	37	0.42
Donaghadee ...	29.63	38	WSW	5	bc	29.30	− .38	40	39	o	SSW	4	c	3	43	35	0.14
Kingstown ...	29.81	39	W	6	b	29.40	− .41	43	40	− 3	W	7	bc	5	? 49	37	0.26
Holyhead ...	29.77	43	WSW	6	o	29.45	− .35	43	42	− 3	WSW	7	mg	5	48	40	0.47
Liverpool (Bidston)																	
Valentia	30.02	44	W	7	c	29.61	− .25	42	38	− 4	W	8	ogh	7	49	37	0.51
Roche's Point ...	29.98	40	WNW	5	bc	29.60	− .27	42	40	− 4	WNW	5	bcw	4	46	38	0.56
Pembroke ...	29.93	43	W	8	c	29.62	− .30	46	43	− 3	WSW	9	o	7	? 49	40	0.21
Scilly	30.14	47	WNW	9	c	29.92	− .16	49	46	− 2	WSW	10	o	8	51	42	0.20
Prawle Point ...	30.06	44	W	5	c	29.87	− .20	47	45	− 1	SW	8	b	6	50	42	0.07
Hurst Castle ...	29.98	43	W	5	b	29.96	− .12	44	42	+ 1	WSW	6	bc	5	46	41	—
Dover	29.91	43	W	4	bc	29.98	− .09	41	40	− 2	WSW	5	bc	4	44	34	—
London	29.90	47	WSW	5	og	29.88	− .13	41	39	− 2	SW	4	bc	*	53	36	—
Oxford	29.88	42	W	5	o	29.80	− .19	40	37	− 3	W	3	o	*	51	36	0.05
Cambridge ...	29.83	44	SW	2	o	29.83	− .12	37	36	− 4	S	2	b	*	51	34	—
Yarmouth ...	29.79	45	WSW	5	bc	29.82	− .10	37	36	− 5	SW	4	bc	3	48	35	—
The Helder ...	*	*	*	*	*									*	*	*	*
Cape Gris Nez	29.94	43	SW	8	o	30.02	− .08	40	40	− 2	SW	7	c	5	45	37	—
Jersey	30.15	47	W	5	bc	30.11	− .09	43	41	− 4	SW	6	bcw	5	48	42	0.14
Brest	30.66	47	NW	7	b	30.17	− .04	48	44	− 1	WSW	7	o	5	54	46	0.08
Lorient	30.28	46	WNW	7	b	30.22	− .01	46	41	− 3	WSW	7	bc	5	50	39	0.12
Rochefort ...	30.38	46	W	5	r	30.41	− .02	40	37	− 1	SW	5	c	2	48	?	0.04
Biarritz	30.47	50	S	3	b	30.46	− .06	49	45	+ 6	SW	5	o	5	57	40	0.04
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	30.09	− .03	37	35	− 3	SW	3	o	*	42	36	0.12
Charleville ...	?	39	S	1	c	?	?	31	?	− 6	SE	1	o	*	39	?	2.72
Paris	30.13	40	WSW	3	c	30.26	− .02	35	34	− 3	S	1	b	*	*	*	0.05
Lyons	30.43	31	NE	1	c	30.48	− .17	32	32	+ 17	ENE	1	bc	*	39	?	0.12
Toulon	30.47	42	SW	3	b	30.33	− .26	42	39	+ 1	NW	7	b	3	45	39	—

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...							
Sumburgh Head							
Stornoway ...	29.26	36	36	N	2	r	2
Aberdeen ...	29.39	42	39	SW	3	b	3
Shields	29.61	44	43	WSW	4	b	2
Ardrossan ...	29.50	44	41	SW	6	cq	6
Mullaghmore ...	29.55	45	42	WSW	8	cq	6
Holyhead... ...	29.74	46	43	WSW	5	c	4
Valentia ...	29.90	44	39	WSW	7	cq	7
Scilly	30.06	47	45	W	8	cq	7
Dover	29.97	43	43	W	3	f	3
London ...	29.91	51	48	WSW	3	bc	4
Yarmouth ...	29.86	47	45	WSW	3	bc	3
Jersey	30.10	48	47	SW	5	cmw	4
Rochefort ...	30.39	47	46	S	5	o	2

Pressure increasing slightly at Valentia, decreasing elsewhere. Readings highest over France, and lowest probably over Scotland. The wind is WSW generally and blows strongly.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

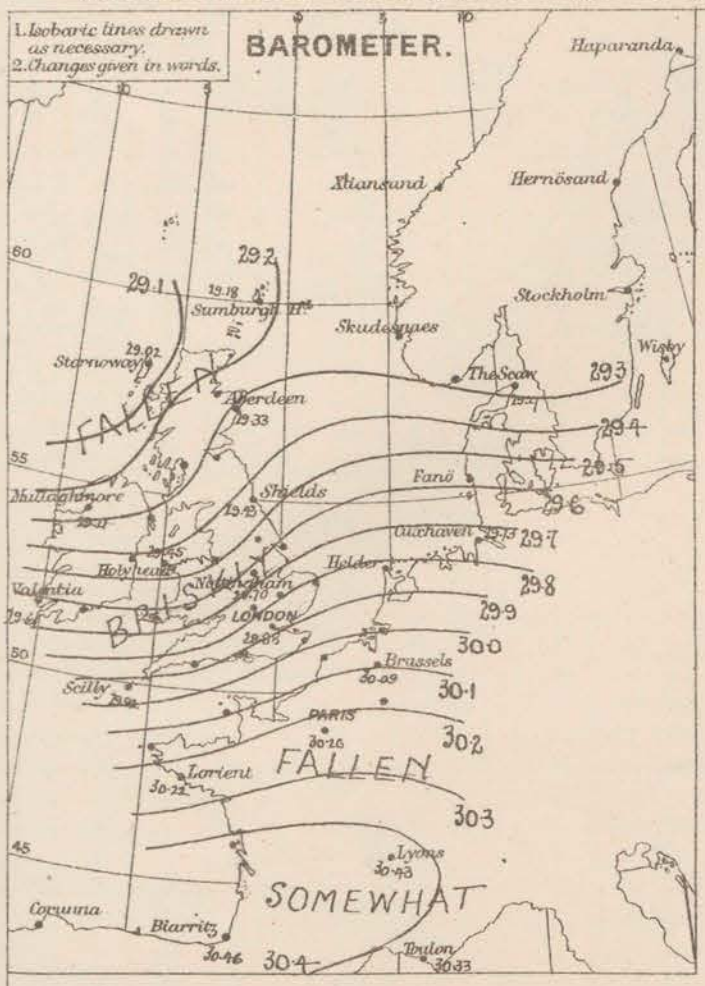
* AN ASTERISK is inserted in all places for which information is not usually received.

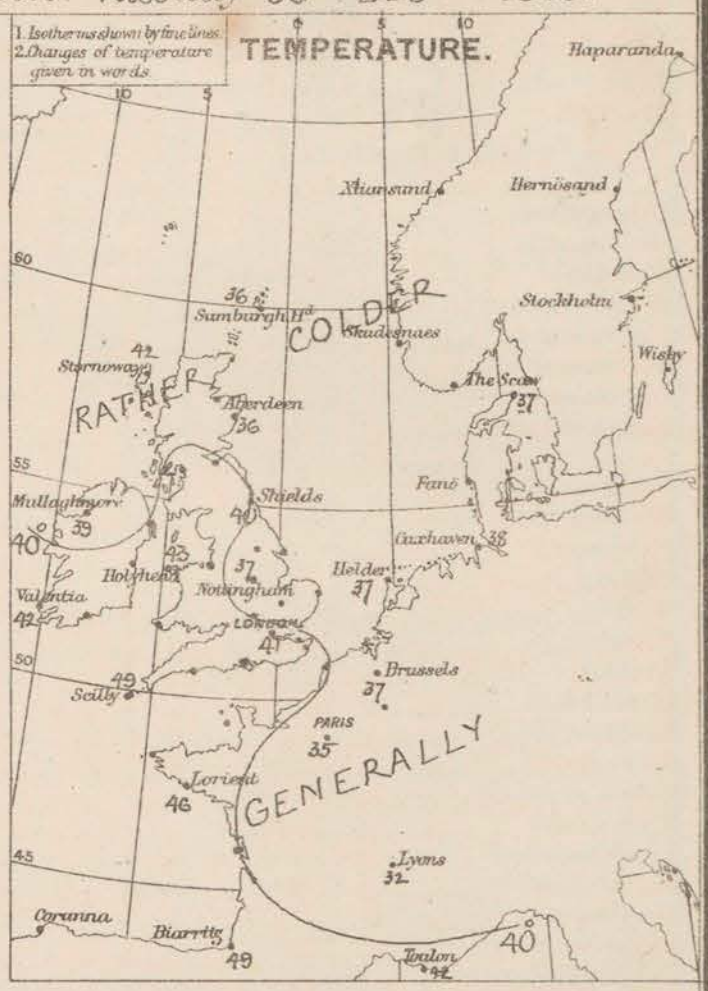
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

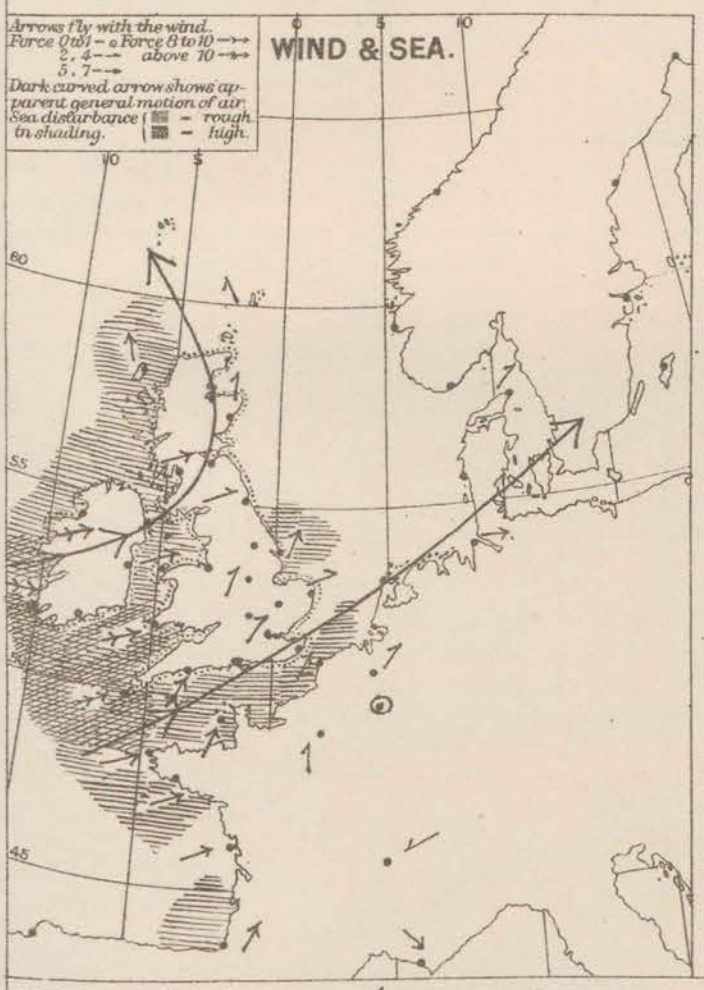
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

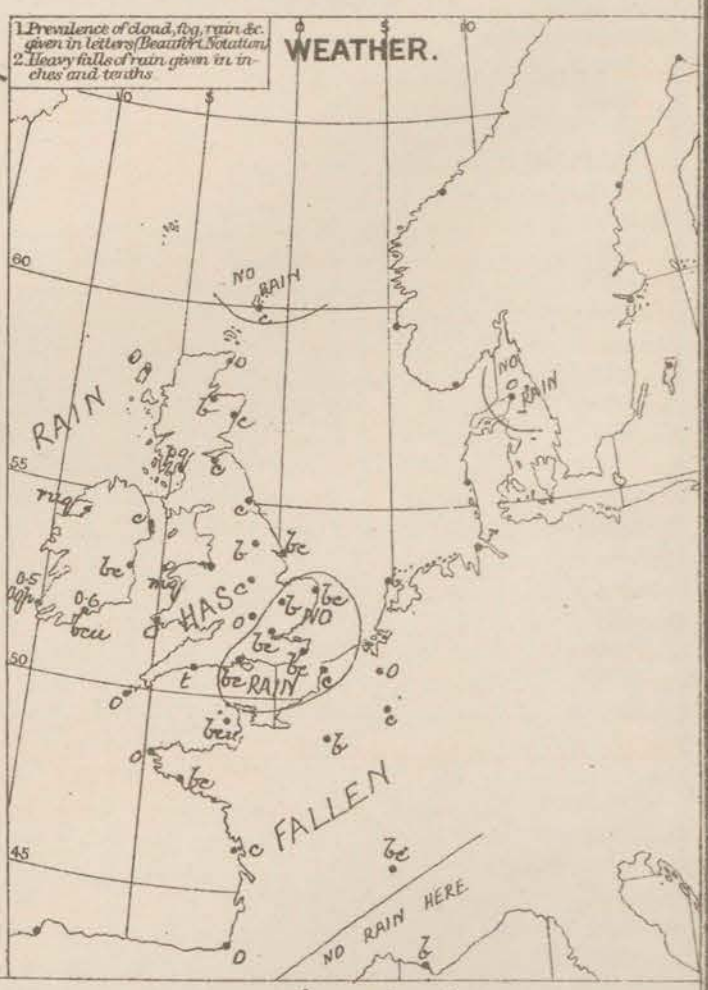
‡. arrived too late for insertion in Charts.

WEATHER CHARTS *for 8 a.m. on Tuesday 30th Dec.r 1879.*









A dotted line has been drawn round all our coasts, as the Gales are still up.

REMARKS. Weather is fine in the E. and SE of England, as well as at Paris and in parts of France, but the sky generally is cloudy or dull, thunder is reported from Prawle Pt. and rain and hail from the W. of Ireland. Rain has fallen except in the S. of England, the amount in the S. of Ireland exceeding half an inch. Temperature has fallen in all places, and readings range over these Islands from 47° at Prawle Point to 36° in the NE of Scotland, and over France from 49° at Biarritz to 35° at Paris. The maxima yesterday were a little above 50° over the S. of England and between 45° and 50° elsewhere. Wind is W. in the S. of Ireland, WSW. to W. in most other places, but S. in the E. of Scotland, and SE. in the extreme N. It blows a fresh to strong gale in the SW., and is rising generally. A whole gale was experienced at some SW. stations last night. Sea is high on our SW. coasts, rough or rather so, except in the NE.

Barometrical Indications. Pressure is increasing slightly in the NE. of France, but is decreasing in all other places quickly in the NW. A deep depression is advancing over Scotland from the W., and gradients are very steep over Ireland and England.

Warnings. The Southerly Gale is up on all coasts.

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Meteorological Office. 116, Victoria Street, Westminster. S.W.

R. H. SCOTT. Secretary.

DAILY WEATHER REPORT Decr 31st 1879.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29.08	14	N	2	o	29.08	+ .17	22	22	+ 5	SE	2	o	*	22	5	—
Hernösand ...	29.14	19	L	o	bc	29.20	+ .19	22	21	— 5	SW	2	c	*	37	14	—
Stockholm ...	29.24	34	NW	4	o	29.34	+ .08	27	26	— 7	W	2	f	*	36	?	—
Wisby	29.34	37	W	6	o	29.34	— .01	35	34	— 2	WSW	4	c	*	37	32	0.04
Christiansund ...	29.18	35	WNW	3	bc	29.19		31	28		SE	3	b	4	36	25	—
Skudesnaes ...	29.15	37	ESE	4	o	29.26		39	37		SE	6	r	4	?	34	0.04
Oxö (Xtiansund) ...	29.26	36	NNE	1	o	29.29		33	32		NNE	2	o	3	39	30	—
Skagen (The Skaw)	29.32	36	W	3	o	29.28	+ .01	36	36	— 1	L	o	o	7	37	30	0.24
Fanö	29.21	39	W	4	r	29.38	— .14	38	37	— 1	WNW	6	r	*	39	34	0.16
Cuxhaven ...	29.57	38	SSW	6	r	29.54	— .19	39	38	+ 1	WNW	5	c	*	?	34	0.09
Sumburgh Head	28.97	39	S	5	r	29.11	— .07	39	35	+ 3	WSW	3	o	4	42	35	0.20
Stornoway ...	28.99	37	NW	6	rq	29.15	+ .13	37	37	— 5	L	o	r	c	42	33	0.20
Thurso																	
Wick	28.97	37	NW	2	bc	29.24	+ .06	35	34	?	SW	3	b	2	42	31	0.09
Nairn	No observations taken					29.27	— .02	32	32	— 4	L	o	b	1	40	32	0.03
Aberdeen ...	29.06	37	SW	2	o	29.34	+ .01	35	33	— 1	SSW	2	c	2	40	32	0.18
Leith	29.21	37	SSW	5	o	29.34	+ .02	37	36	— 3	SSW	3	c	*	41	35	0.16
Shields	29.19	38	W	6	o	29.47	+ .04	36	36	— 4	SSW	5	r	2	44	35	0.03
Spurn Head ...	29.30	36	WSW	8	bc	29.56	— .06	38	36	o	SSE	6	r	6	42	34	0.10
York	29.30	42	WNW	7	o	29.32	— .04	36	36	— 1	ESE	1	m	*	42	34	0.22
Nottingham ...	29.49	35	SW	6	b	29.59	— .11	42	42	+ 5	SW	5	r	*	43	32	0.11
Ardrossan ...	29.27	40	NW	8	o	29.29	+ .08	37	36	— 6	ESE	2	f	1	44	36	0.20
Mullaghmore ...	29.51	40	WNW	10	bqw	29.26	+ .05	50	50	+ 11	WSW	6	rm	6	50	35	0.67
Donaghadee ...	29.46	36	WNW	7	b	29.33	+ .03	47	47	+ 7	WSW	2	r	2	47	34	0.28
Kingstown ...	29.63	37	W	6	b	29.43	+ .03	52	49	+ 9	W	7	rq	5	52	32	0.10
Holyhead ...	29.55	40	WNW	9	cq	29.49	+ .04	48	47	+ 5	SW	6	r	5	49	38	0.20
Liverpool (Bidston)	29.48	38	W	9	c	29.49	— .03	47	46	+ 6	SW	5	r	4	47	35	0.35
Valentia																	
Roche's Point ...	29.78	38	WNW	6	c	29.64	+ .04	52	51	+ 10	WSW	7	r	5	52	36	0.38
Pembroke ...																	
Scilly	29.97	49	WNW	10	cq	30.00	+ .08	51	50	+ 2	SW	9	ow	8	51	44	0.37
Prawle Point ...	29.87	40	W	6	b	29.91	+ .04	49	49	+ 2	SW	6	r	6	49	35	0.04
Hurst Castle ...	29.87	40	NW	7	b	29.85	— .11	45	45	+ 1	W	6	ow	5	45	36	0.36
Dover	29.67	40	W	5	bc	29.88	— .10	41	40	o	SW	6	ow	5	43	35	0.19
London	29.69	36	W	5	bcq	29.79	— .09	47	44	+ 6	WSW	6	cq	*	47	35	0.22
Oxford	29.65	36	WSW	6	bcq	29.76	— .04	45	44	+ 5	SW	5	ow	*	45	35	0.18
Cambridge ...	29.34	37	SW	5	c	29.71	— .12	41	40	+ 4	SW	3	o	*	45	35	0.08
Yarmouth ...	29.47	37	SSW	6	bcq	29.71	— .11	37	37	o	SSW	4	og	3	42	34	0.09
The Helder ...	*	*	*	*	*	29.73	— .14	38	36	o	W	4	c	*	*	*	*
Cape Gris Nez	29.69	41	W	11	o	29.93	— .09	41	41	+ 1	SW	8	r	5	45	36	0.16
Jersey	29.97	47	W	9	bq	30.08	— .03	47	46	+ 4	SW	6	ow	5	49	41	0.12
Brest	30.15	49	W	8	b	30.15	— .02	50	47	+ 2	W	7	m	7	52	43	0.12
Lorient	30.16	45	WNW	7	bc	30.22		48	46		WSW	7	m	5	50	41	0.04
Rochefort ...	30.30	46	SW	7	c	30.37	— .04	43	41	+ 3	W	5	m	2	50	?	0.16
Biarritz	30.44	50	W	7	r	30.47	+ .01	47	44	— 2	SW	3	o	7	54	45	0.04
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	29.98	— .11	36	34	— 1	SW	5	o	*	42	36	—
Charleville ...	?	37	SE	5	r	?	?	33	?	— 2	SE	4	c	*	38	?	0.98
Paris	29.95	41	?	5	b	30.17	— .09	40	39	+ 5	S	3	o	*	*	*	—
Lyons	30.37	29	NE	1	b	30.42	— .01	32	32	o	E	1	bc	*	42	28	—
Toulon	30.32	46	W	7	bc	30.34	+ .01	41	37	— 1	WNW	8	b	7	52	41	—

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29.18	37	36	ESE	5	c	4
Sumburgh Head	29.04	38	36	S	4	c	4
Stornoway ...	28.88	40	38	WNW	4	b	4
Aberdeen ...	29.04	38	37	S	1	bc	2
Shields	29.14	40	39	SW	6	o	2
Ardrossan ...	29.12	37	36	NW	5	o	4
Mullaghmore ...	29.35	40	37	NW	10	ouq	7
Holyhead	29.42	40	37	WSW	8	o	7

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valentia ...	29.79	40	39	WNW	8	cqh	7
Scilly	29.88	50	45	W	11	chq	8
Dover	29.65	43	41	SW	7	ogw	5
London ...	29.60	42	40	WSW	6	qp	*
Yarmouth ...	29.52	42	40	SSW	6	oqp	4
Jersey	29.91	47	45	WSW	9	cmq	7
Rochefort ...	30.20	48	45	SW	5	c	2

The barometer has begun to rise again in Ireland and the wind in the W. is veering to NW. and blowing hard. A very heavy gale prevails at Scilly and severe squalls and thunder showers have been felt in the S districts during the morning.

EXPLANATION OF COLUMNS.

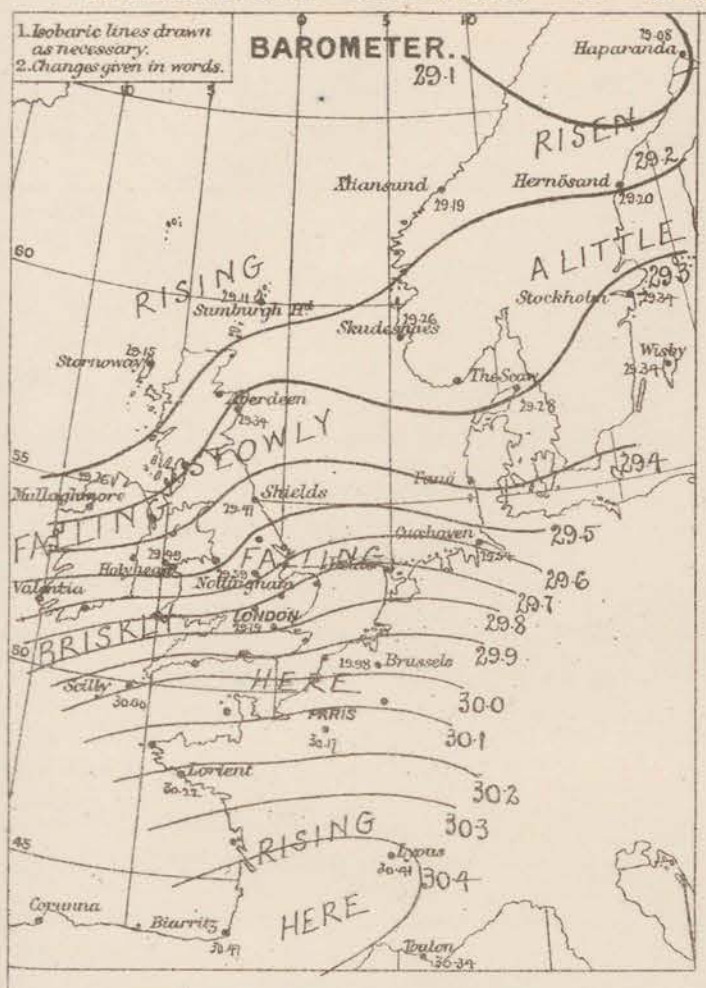
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

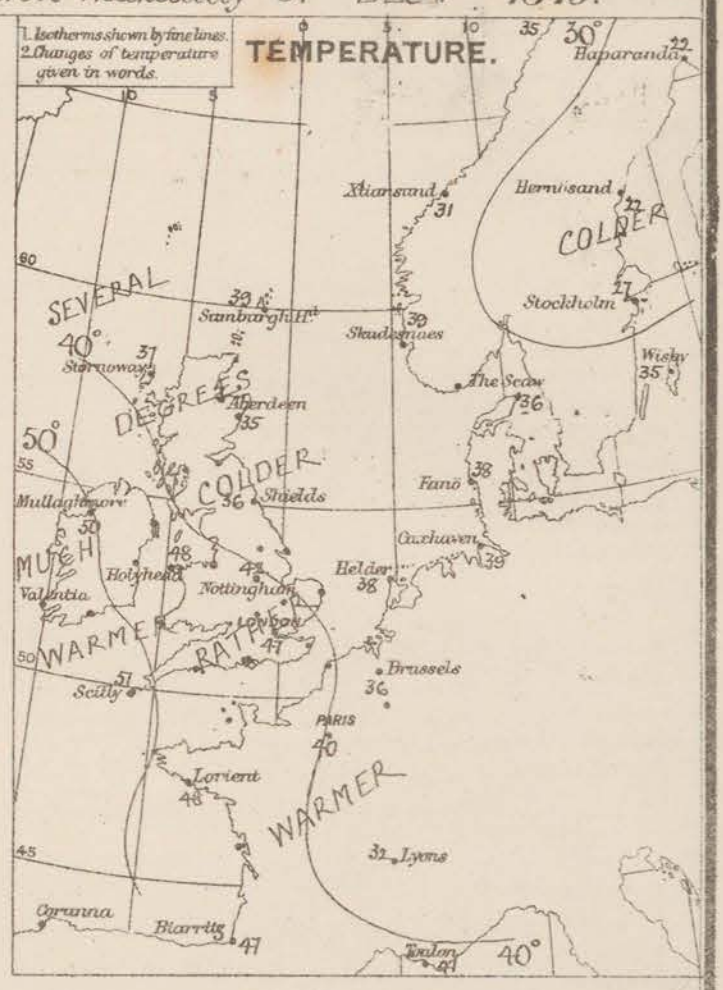
* AN ASTERISK is inserted in all places for which information is not usually received.

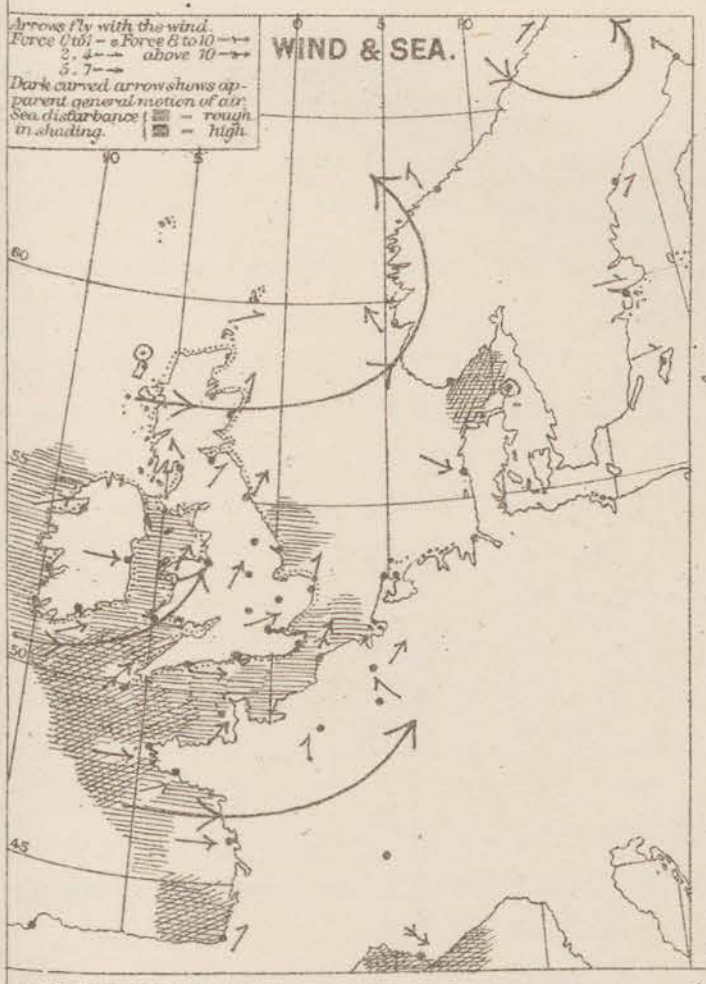
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania' time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

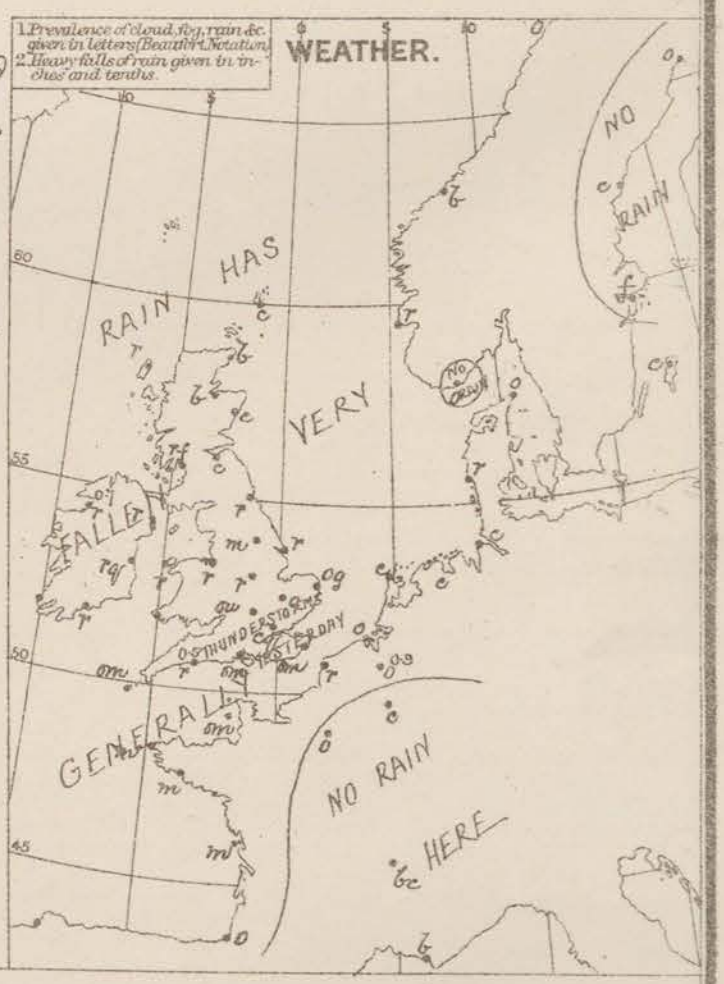
WEATHER CHARTS *for 8 a.m. on Wednesday 31st Dec. 1879.*







Isobaric lines drawn round our coasts as the signals and stills flying



REMARKS. Weather this morning remains in a very rough and wild condition over Ireland and England, but is comparatively quiet at the Scotch stations. Rain is falling at all our W^n, NW^n and NE^n stations, and in London the sky has a very windy threatening appearance. Rain fell generally yesterday, hail in many places, and thunderstorms occurred in the S. During last evening the sky cleared completely in many parts of the Kingdom, but the appearance was, nevertheless very unsettled and liable to change. Temperature is very unsteady, rising with the S^n and SW^n winds and falling fast again with the shift to NW. Slight frost occurred on the grass in London during the night, but by 8 am the thermometer had risen to 47°. Wind has backed to SW again almost all over the country. It is strong and very squally in most places, and on our SW coasts is blowing a gale. Very strong gales from the W^n were felt yesterday except in Scotland, where, however, there were fitful squalls from SW and NW. Sea is high off our SW coasts and in the Bay of Biscay, rough on all but our extreme NE coasts. Barometrical indications. The rise of the barometer noticed in the W last evening has been speedily succeeded by a brisk fall at our W^n and NW^n stations, and a fresh depression is advancing which threatens to produce very steep gradients for SW and W^n winds over England and Ireland as well as the N^n parts of France. Warnings. The South Cone is flying on all coasts.

Subscription for these charts payable in advance to cover delivery. | Delivery by hand 10/- per quarter: " " book post 5/- " "

Meteorological Office, 116, Victoria Street, Westminster, S.W.

R. H. SCOTT. Secretary.

Dangerfield Lith. 22 Bedford St. Covent Garden

SUMMARY OF WEATHER IN WESTERN EUROPE

from DEC^R 21ST to DEC^R 31ST 1879.

(Issued Weekly as a Supplement to the "Daily Weather Report.")

During this period (Decr 21st – 31st) the weather has undergone a gradual but decided change. Throughout the week from the 21st to 27th an anticyclone lay over France and its influence extended over the SE. of England, but in the W. and N. the weather was dominated by cyclonic systems over the Atlantic, so that while light airs, fogs and frost prevailed at the French and our SE^n stations SW^b to W^b wind and high temperatures prevailed in Ireland, Scotland and Norway. On Saturday night, however, the barometer fell very quickly in the NW., a disturbance, which was succeeded by a still deeper depression on the next day, appeared off our NW coasts, and the warm weather became general with a very severe S^h to W^b gale. From that time till the close of the period important depressions have passed over us and SW^b to W^b gale, with rain, hail thunder and lightning have been general, while the frost had given way to very mild weather.

SUNDAY DEC^R 21ST

Weather fine over France, the Netherlands, North Germany and Denmark, dull at nearly all our stations. Much mist in the S. and SE. Cloudy all day except in NE. England, fog in SE. Temperature risen several degrees in the W., falling elsewhere, readings ranging from 45° at Valentia to 26° in London and 9° at Lyons. Temperature rising all day and following night. Wind E^b to SE^b over France, the Channel and part of S. England, S^h on most of our other coasts; fresh or strong in the SW. and W. Wind SW^b generally later, and blowing a gale at Donaway. Sea rough in the SW. N. and at the mouth of the Humber. Barometer falling everywhere – briskly in the SW., quickly in the N. Anticyclone lying over Baltic and Central Europe, with large area of low pressure over Atlantic. Depression off Hebrides in evening and slight recovery in SW.

MONDAY DEC^R 22ND

Weather dull and foggy over SE^n England and in Norway, fine in nearly all other districts. Rain and unsettled weather commencing in W. later, and an exceedingly dense fog occurring in London. Temperature fallen slowly over Ireland and quickly in Sweden, risen elsewhere, considerably over England. Readings ranging from 47° at Scilly to 36° at Aberdeen and Yarmouth. Rising except in SE later, and maxima high in N. Wind W^b to SW^b generally, but drawing into NW. over the W^n half of the Channel; moderate in force in most places, but blowing a gale at Thurso and in the Shetlands. Strong or fresh SW^b gale in NW. and N. at night. Sea rough in the SW. and N. Barometer rising except in Scandinavia. Readings high and uniform over France and low to the N^wd of Scotland. Pressure increasing briskly all day over England and slightly generally.

TUESDAY DEC^R 23RD

Weather dull in the W. and N. of Scotland and over Norway, moderately fine in most other places, but very foggy in the SE. and over N. Germany. Dull generally all day, and very foggy again in SE. at night. Temperature considerably higher over Scandinavia, and the more N^n part of the Kingdom, but several degrees lower in the S. and over France, readings ranging from 51° at Valentia and Cumburgh Head to 27° at Cambridge and 9° at Lyons. Rather cold in SE. at night. Wind E^b over France and the Channel, S^h to SW^b on our other coasts and over Norway and Sweden. Moderate in force in most places, but strong in the NW. and over Scandinavia. Sea rough to high in the W. and N. Barometer falling over Scandinavia and Denmark, rising elsewhere. Large area of very high pressure (30.8 ins.) over SE^n England and N^n and Central France with depression over Lapland. Pressure rising very all day.

WEDNESDAY DEC^R 24TH

Weather moderately fine over the greater part of N. Germany, France and England, cloudy or dull in most other places. Very fine day at nearly all stations. Temperature risen slightly at a few central and SW^n stations, fallen generally; ranging from 44° at Valentia and 43° in the Shetlands to 23° in London. Rising all day and mild evening. Wind still E^b over France and Channel, SW^b to W^b on our coasts and E^n shores of the North Sea. Moderate to strong generally, but blowing gale at Tarbert and Christiansund. Wind W^b all day, with gale in the Shetlands. Sea high to rough in SW., W. and N. Barometer falling briskly in most places, but slight recovery commencing at Valentia. Readings highest Central France, deep depression over N. Norway. General but slight rise during day.

THURSDAY DEC^R 25TH

Weather fine over greater part of France, our W^n and N^n coasts, Denmark and Sweden, but dense fog over Central and S^h E. England, the Netherlands and N. Germany. Dense fog continuing all day in SE. Temperature risen E^n shores of North Sea, and N^n and E^n France, fallen elsewhere; readings ranging from 48° at Scilly to 26° at Cambridge. Very little change over England during day. Wind E^b over France, SE^n over Ireland

and W. on our N. coasts and over the North Sea. Light or moderate generally, but blowing a gale in Norway and the Skagerrack. Wind veering S. and rising in W. later. Sea rough to high on the Norwegian and N. Spanish coasts, rough at some of our W. ports. Barometer fallen over the SW. of France and the Baltic, rises elsewhere. Pressure high and uniform over these Islands with large depression over Norway. Barometer falling in W. later.

FRIDAY DEC. 26TH.

Weather dull and foggy over Central and E. England, and dull and threatening at Valentia, fine or moderately so elsewhere. Rainy and dull in the W. later, but fair generally. Temperature rises in the W. and N. and in a few other places locally, falls generally. Slight frost Central England. Readings ranging from 48° at Valentia to 28° at York. Temperature rising during day. Wind E. to SE. over France, S. on our coasts and variable over Scandinavia; blowing strongly in the W., and reaching a fresh gale at Valentia. Moderate to fresh gale on our extreme W. coasts all day. Sea high at Valentia, rough in the W. Barometer rising rapidly over Scandinavia and briskly over Denmark, falling elsewhere – briskly at Valentia. Readings highest over N. Germany, lowest off our W. coasts. Pressure giving way very slowly all day.

SATURDAY DEC. 27TH.

Weather still fine though misty at most of the Continental stations, dull and gloomy over these Islands, with rain in the extreme W. Clearing in the SE. later, but rainy all over Ireland and Scotland. Temperature fallen slightly over SE. England and rapidly over France, rises a few degrees elsewhere; ranging from 51° in W. Ireland to 25° at Cambridge. Becoming rapidly warmer in evening. Wind E. over France, S. on all our coasts and over Norway; moderate in the S. and SE., but blowing strongly in the W. and N., and reaching a fresh to strong gale in the NW. Gale in N. and W. all day. Sea rough in W. and N. Barometer rising France, falling elsewhere, high over Baltic and Central Europe, low off our NW. coasts. Falling all day and large depression, storm off N. of Scotland.

SUNDAY DEC. 28TH.

Weather fine over Scotland, dull elsewhere, with rain in Norway, and mist over the Channel and W. France. Dull, squally and rainy weather all day. Temperature fallen Ireland and Scotland, rises elsewhere – very rapidly over Central and E. England; readings ranging from 53° at Scilly to 38° at Thirsk. Maxima exceeding 50° generally and reaching 59° at Kingstown. Wind W. to SW. on nearly all our coasts, but S. at Valentia as well as over Scandinavia. It blows a gale at Scilly, in the Shetlands and over Norway and Sweden; moderate to fresh elsewhere. Severe W. to SW. gales in W. and N. at night. Sea rough to high, except in the E. Barometer rising briskly in France and Scotland, falling elsewhere. Yesterday's depression shown near Christiansund, but fresh and very deep disturbance approaching Scotland later.

MONDAY DEC. 29TH.

Weather fine at first over nearly the whole country, but dull and showery in the W. and SW., and over France. Rain general subsequently – heavy in S. Ireland. Temperature fallen these Islands, rises very fast over N. France, ranging from 51° at Scilly to 35° at Nairn. Maxima a little above 50° in the S., between 45° and 50° elsewhere. Wind SW. to W. on our coasts and over S. Scandinavia, and SE. over the Gulf of Bothnia. Moderate to fresh generally, but blowing a gale in the Shetlands and the S. of Norway and Sweden. Sea rough in the W. generally and high at Scilly. Barometer falling fast to E. of North Sea and slightly generally, but recovery commencing in these Islands. Pressure recovering all day in W., but decreasing in E.

TUESDAY DEC. 30TH.

Weather fine over the N. of France, and E. part of Great Britain and Ireland, dull elsewhere, with rain in W. Ireland and thunder at Rhyl Point. Heavy showers and squalls during day with thunder and lightning. Temperature fallen a few degrees everywhere; ranging over these Islands from 49° at Scilly to 36° at Nairn. Little change during day generally, but sharp fall in SE. in evening. Wind W. over Ireland, SW. to S. on the Channel and our other coasts, strong generally and blowing severe gale in W. and SW. Fresh to strong gale on most coasts during day and following night. Sea high SW., rough except in NE. Barometer falling everywhere, briskly over these Islands. Deep depression advancing to W. of Scotland from Atlantic, and gradients very steep over Ireland and England. Depression passing NE. later.

WEDNESDAY DEC. 31ST.

Weather fine NE. Scotland, the SE. of France, and at Christiansund, rainy, misty and dull generally. Squally and wet all day on most coasts. Temperature fallen in N. rises elsewhere – quickly in W. Readings ranging from 32° in S. Ireland to 32° at Nairn. Maxima between 50° and 55° except in N. Scotland and on the S. coast of England. Wind W. in the W., SW. to S. elsewhere, blowing a gale at Scilly and Cape Gris Nez at 8 am, and at Jersey later in day. Strong generally. Sea high SW. as well as at Toulon and the Scaw, rough except in the N. Barometer rising slowly generally, but falling briskly in W., highest S. France, with large depression N. Sweden and second disturbance off W. Scotland. Falling E., rising W. later.

Meteorological Office,

116, Victoria Street, Westminster, S.W.,

ROBERT H. SCOTT, Secretary.

Notice.

After the present issue the Weekly Summary of Weather over W. Europe will cease, but in its place a copy of the Weekly Weather Report will be furnished, printed on paper uniform in size with the Daily Weather Report.

CORRECTIONS AND ADDITIONS TO THE REPORTS FOR DEC. 1879

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

DATE.	STATIONS.	+ YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	9 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 9 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 9 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
1st	Pembroke	29·94	39	NNW	6	c	29·90	−·10	34	33	−6	N	4	bc	3	40	31	0·10
"	Corunna	*	*	*	*	*	30·05	+·16	45	*	−3	NE	?	cl	1	*	*	*
"	Lyons	29·75	32	N	1	s	29·73	+·03	25	25	−2	N	1	c	*	?	?	–
2nd	Lorient	29·84	37	NNW	5	b	29·82	−·07	38	31	−3	ENE	4	m	2	39	30	–
"	Corunna	*	*	*	*	*	29·81	−·24	45	*	0	SW	?	cl	1	*	*	*
3rd	Corunna	*	*	*	*	*	29·46	−·35	43	*	−2	S	6	ocf	1	*	*	*
4th	Biarritz	29·08	58	S	9	c	29·18	−·47	58	49	+30	WSW	8	b	3	59	?	0·04
5th	Spurn Head	29·64	32	NE	4	s.	29·61	−·38	28	27	−5	WSW	4	c	5	35	25	–
"	Rochefort	28·92	49	SW	12	0	29·84	−·18	35	32	−15	N	9	c	1	50	30	–
"	Corunna	*	*	*	*	*	29·81	?	46	*	?	NE	4	c	1	*	*	*
"	Lyons	29·27	46	SSE	1	b	29·78	+·50	38	28	−8	WSW	3	s	*	?	32	–
6th	Rochefort	30·06	30	NNE	3	bc	30·00	+·16	42	38	+1	SW	1	o	4	52	?	–
"	Corunna	*	*	*	*	*	29·91	+·10	42	*	−4	NE	2	c	1	*	*	*
"	Toulon	29·90	39	W	1	b	29·99	+·31	39	?28	−4	NW	5	bc	5	48	32	–
8th	Corunna	*	*	*	*	*	30·36	−·08	40	*	0	NE	2	b	1	*	*	*
"	Toulon	30·10	28	N	4	b	30·32	+·32	30	29	+4	N	4	s	5	39	27	–
9th	Corunna	*	*	*	*	*	30·31	−·05	41	*	+1	NE	1	c	1	*	*	*
"	Lyons	30·53	14	NE	1	c	30·61	−·02	9	8	−1	N	1	b	*	22	8	–
10th	Haparanda	29·23	22	SW	2	b	29·56	+·22	18	18	−15	NW	4	b	*	33	14	–
"	Hernosand	29·74	24	NW	4	b	29·84	+·09	28	25	+3	WNW	2	b	*	34	16	–
"	Stockholm	29·86	33	W	4	0	29·98	−·09	17	17	−11	W	2	b	*	36	?	0·12
"	Wisby	29·99	35	WNW	8	0	29·91	+·03	32	31	−2	NE	6	o	*	37	23	0·08
"	Corunna	*	*	*	*	*	30·21	−·10	41	*	0	NE	?2	c	1	*	*	*
"	Lyons	30·50	16	N	1	b	30·08	−·53	8	7	−1	NE	1	b	*	20	7	–
11th	Corunna	*	*	*	*	*	30·17	−·04	48	*	+1	NE	1	c	1	*	*	*
12th	Biarritz	30·43	33	E	4	b	30·50	+·09	24	21	+5	SE	4	b	2	39	19	–
"	Lyons	30·65	17	N	1	bc	30·69	+·19	16	16	−1	NE	1	o	*	20	11	–
"	Toulon	30·38	38	W	2	b	30·41	+·21	38	34	+2	N	0	b	2	59	30	–
13th	Skagen	30·66	31	N	0	b	30·34	+·12	33	32	0	SW	3	o	1	36	31	–
"	Biarritz	30·45	39	SE	1	b	30·59	+·09	30	?	+6	SSE	1	c	3	45	23	–
"	Corunna	*	*	*	*	*	30·49	+·12	39	*	−1	SE	1	c	2	*	*	*
"	Toulon	?	38	?	1	b	30·26	−·15	41	35	+3	N	0	b	2	43	37	–
15th	Christiansund	29·58	44	WNW	6	r	29·88	+·15	43	41	−4	WSW	6	c	6	43	36	0·71
"	Corunna	*	*	*	*	*	30·34	?	36	*	?	N	0	b	2	*	*	*
16th	Corunna	*	*	*	*	*	30·25	−·09	42	*	+6	NE	2	c	2	*	*	*
"	Lyons	30·49	14	N	1	c	30·52	−·01	12	12	+5	NE	1	s	*	19	12	–
17th	Paris	30·54	35	SW	1	o	30·49	−·02	27	27	−9	SW	1	b	*	?	27	–
"	Corunna	*	*	*	*	*	30·35	+·10	39	*	−3	N	0	b	2	*	*	*
19th	Corunna	*	*	*	*	*	30·29	?	42	*	?	E	4	c	1	*	*	*
20th	Haparanda	29·60	38	SW	2	o	29·93	+·15	32	32	+1	SW	3	b	*	39	32	–
"	Corunna	*	*	*	*	*	30·30	+·01	46	*	+4	W	4	c	1	*	*	*
"	Lyons	30·51	17	N	1	r	30·54	+·15	8	8	+8	NNE	1	m	*	26	?	–
22nd	Corunna	*	*	*	*	*	30·58	+·22	45	*	+3	NE	?	b	1	*	*	*
"	Lyons	30·53	20	WNW	1	b	30·65	+·09	8	8	+8	NE	1	f	*	33	8	–
23rd	Corunna	*	*	*	*	*	30·53	−·05	42	*	−3	NE	4	c	5	*	*	*
"	Charleville	?	10	E	1	b	?	?	1	?	?	E	1	m	*	?	0	–
24th	Lorient	30·56	36	E	4	b	30·51	−·19	30	29	−8	E	5	f	4	41	28	–
"	Corunna	*	*	*	*	*	30·45	−·08	40	*	−2	NE	2	b	5	*	*	*
"	Brussels	*	*	*	*	*	30·52	−·32	20	19	−4	E	1	m	*	33	19	–
"	Lyons	30·74	17	NNE	1	m	30·72	−·12	8	8	−1	ENE	1	f	*	29	?	–
"	Toulon	30·03	51	N	0	b	30·59	−·03	47	38	−1	ENE	5	b	2	52	41	–
26th	Brest	30·47	39	E	3	b	30·43	−·11	33	32	−2	E	4	b	3	41	32	–
"	Lorient	30·45	38	ESE	5	m	30·38	−·14	23	21	−5	SE	5	m	4	36	23	–
"	Lyons	30·58	16	ESE	1	m	30·57	−·09	6	6	−16	E	1	f	*	26	5	–
"	Toulon	30·43	46	NW	4	b	30·38	−·12	46	37	+1	SW	3	b	2	50	43	–
27th	Corunna	*	*	*	*	*	30·42	+·09	42	*	−1	NE	2	b	?	*	*	*
29th	Haparanda	29·31	31	S	6	r	29·17	−·56	31	31	+1	S	4	o	*	32	30	0·08
"	Hernosand	29·43	29	S	4	o	28·97	−·85	33	33	+6	SE	4	s	*	?	21	0·08
"	Stockholm	29·65	35	SW	6	o	29·14	−·05	35	34	+6	SW	4	o	*	39	23	0·08
"	Wisby	29·79	33	WSW	8	o	29·39	−·84	37	36	+5	WSW	8	o	*	?	27	0·55
"	Christiansund	29·14	42	SW	4	b	29·13	+·09	35	35	−10	WSW	4	c	5	45	28	0·12
"	Skudesnaes	29·38	42	S	8	r	29·19	−·20	43	40	−3	W	8	o	8	46	?	0·28
"	Oes	29·58	40	SSW	4	o	29·16	−·44	41	40	+1	WSW	9	cl	6	43	37	0·35
"	Sumburgh Hd.	29·62	42	SSW	5	o	29·14	−·09	41	36	−2	W	8	bc	7	43	38	0·83
"	Stornoway	28·77	38	SE	5	r	29·32	−·09	43	42	+4	WSW	3	bc	3	46	35	0·82
"	Wick	29·02	42	SE	7	r	29·34	−·13	47	46	+9	WNW	3	bc	4	53	34	0·26
"	Nairn	28·90	43	SW	2	o	29·41	−·10	35	34	−5	SW	2	bc	2	50	34	0·17
"	Aberdeen	29·10	43	S	3	r	29·43	−·15	38	35	−3	SW	3	b	4	52	37	0·10
"	Ardrossan	29·23	52	SW	8	c	29·60	−·13	44	41	−2	WNW	5	b	4	53	41	0·20
"	Corunna	*	*	*	*	*	30·54	+·03	49	*	+1	SW	4	c	7	*	*	*
"	Sumburgh Hd. 2pm	–	–	–	–	–	29·04	–	38	36	–	S	4	c	4	–	–	–

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY—(*continued.*)

DATE.	STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	Past 24 Hours. Shade Temp. Max.	Past 24 Hours. Shade Temp. Min.	Amount of Rainfall.
	Haparanda	28·94	22	SE	6	0	28·91	−·26	17	17	−14	N	2	0	*	32	16	0·28
	Hernosand	28·83	31	W	2	b	29·01	+·04	27	25	−6	E	0	b	*	36	18	0·08
	Stockholm	29·19	38	W	8	b	29·26	+·12	34	33	−1	WSW	4	0	*	41	34	0·08
	Wisby	29·36	39	WSW	9	b	29·35	−·04	37	36	0	SW	6	0	*	41	28	—
	Liverpool	29·72	42	WSW	6	c	29·52	−·29	41	39	−5	SE	5	0	4	43	38	0·03
	Helder	*	*	*	*	*	29·87	?	38	36	?	WSW	4	b	*	*	*	*
	Corunna	*	*	*	*	*	30·51	−·03	47	*	−2	N	2	c	7	*	*	*
	Valentia	29·88	43	WNW	7	c	29·63	+·02	53	52	+11	SW	8	2	7	53	?42	0·58
	Pembroke	29·73	44	WNW	10	b	29·66	+·04	49	49	+3	SW	9	2	8	49	37	0·18
	Corunna	*	*	*	*	*	30·51	·00	43	*	−4	WNW	2	c	7	*	*	*
	CORRECTIONS																	
	Stornoway	—	—	—	—	—	30·03	—	—	—	—	—	—	—	—	—	—	—
	Nairn	—	—	—	—	—	29·98	—	—	—	—	—	—	—	—	—	—	—
	Dover	—	33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Jersey	—	—	—	—	—	—	—	12	12	−7	—	—	—	—	—	—	—
	Sumburgh Hd	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	29	—
	Wick	29·78	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sumburgh Hd	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—	0·82
	Wick	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·05
	Cambridge	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	19	0·02
	Nottingham	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	18	—
	Scilly	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	41	—
	Nottingham	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	−2	—
	Mullaghmore	—	—	—	—	—	30·49	+·12	—	—	—	—	—	—	—	—	—	—
	Holyhead	—	—	—	—	—	—	—	—	—	—	SW	—	—	—	—	—	—
	Pembroke	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·03
	Dover	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—
	Holyhead	—	—	—	—	—	—	—	—	—	—	—	—	—	—	42	—	—
	Wick	—	—	—	—	—	—	—	—	—	—	—	—	—	—	?41	—	—
	Holyhead	—	—	—	—	—	—	—	—	—	—	—	—	—	0	—	—	—
	Scilly	—	42	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—
	Hurst Castle	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·02
	Stornoway	—	—	—	—	—	—	—	—	—	—	SW	—	—	—	—	—	—
	London	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	No rain
	London	—	—	—	—	—	—	—	—	—	+2	—	—	—	—	—	—	—
	Rockis Point	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	?45	—
	Leith	—	—	—	—	—	—	—	—	—	—	—	—	2	—	—	—	—
	Donaghadee	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	?39	—
	Donaghadee	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	31	—
	Sumburgh Hd	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·12
	Ardrossan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	?38	—
	Donaghadee	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	?35	—
	Liverpool	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	?38	—
	Hurst Castle	—	—	—	—	—	—	—	—	—	—	—	—	—	—	42	—	—
	Holyhead	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·05
	Dover	—	—	—	—	—	—	—	—	31	—	—	—	—	—	—	—	—
	Pembroke	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·19
	Holyhead	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	43	—
	Dover	—	—	—	—	—	—	—	41	—	+9	—	—	—	—	—	—	—
	Dover	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	41	—
	Holyhead	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·18